

Calibration Last Updated: Fri Aug 16 15:15:09 2019
Quantitation Report - Detailed (Text Only)

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Information from Data File:

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Quantitation Settings:

Reference Peak Window: 2.00 Minutes
Non-Reference Peak Window: 2.00 Minutes
Correlation Window: 0.02 Minutes
Sample Multiplier : 1.00
Sample Amount : 0.00
Peak Type Decoding:
* -> Time Reference Peak
m -> Manually re-integrated
00X -> Compound references ISTD X

Number of Compounds in Database: 94

Time Reference Peaks:

Compound -----	Expected RT -----	Actual RT -----
1,4-Dichlorobenzene-d4	8.01	8.01
Naphthalene-d8	10.84	10.83
Acenaphthene-d10	14.67	14.66
Phenanthrene-d10	17.43	17.41
Chrysene-d12	21.71	21.69
Perylene-d12	24.97	24.93

SVOA CALIBRATION

File :Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
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QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 1,4-Dichlorobenzene-d4
Ret Time: 8.01
Concentration: 20.00 ng/ul
Pk # and Type: 1 *ISTD1 RTEINT used
! Qualifiers Not Used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	152.00	100.0%		8.01	7.01	45684	sys def
Q1	115.00	53.5	40.0- 60.0	8.01	to	24439	sys def
Q2	0.00	0.0	0.0- 0.0	8.01	9.01	0	sys def
Q3	0.00	0.0	0.0- 0.0	8.01		0	sys def

$0 X^2 X + 2705.88 X + 0$
Rel. Std. Dev. = 7.7049%

Compound: 1,4-Dioxane
Ret Time: 3.42
Concentration: 9.25 ng/uL
Pk # and Type: 2 RTEINT used
! Qualifiers Not Used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	88.00	100.0%		3.42	2.44	8566	sys def
Q1	43.00	25.6	24.6- 36.8	3.42	to	2196	sys def
Q2	58.00	71.8	57.1- 85.7	3.42	4.44	6152	sys def
Q3	0.00	0.0	0.0- 0.0	3.42		0	sys def

$0 X^2 X + 0.405454 X + 0$
Rel. Std. Dev. = 9.42671%

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Sample Name: SSTDCCC020
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Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 1,4-Dioxane-d8
Ret Time: 3.39
Concentration: 8.66 ng/uL
Pk # and Type: 3 RTEINT used
! Qualifiers Not Used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	96.00	100.0%		3.39	2.40	8321	sys def
Q1	64.00	64.6	64.3- 96.5	3.39	to	5375	sys def
Q2	34.00	0.0	0.0- 0.0	3.39	4.40	0	sys def
Q3	0.00	0.0	0.0- 0.0	3.39		0	sys def

$0 X^2 + 0.420568 X + 0$
Rel. Std. Dev. = 6.93139%

Compound: Benzaldehyde
Ret Time: 7.14
Concentration: 25.97 ng/uL
Pk # and Type: 4 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	77.00	100.0%		7.14	6.14	41614	sys def
Q1	105.00	112.0	86.8- 130.2	7.14	to	46609	sys def
Q2	106.00	114.3	84.2- 126.2	7.14	8.14	47570	sys def
Q3	0.00	0.0	0.0- 0.0	7.14		0	sys def

$0 X^2 + 0.701497 X + 0$
Rel. Std. Dev. = 17.2341%

SVOA CALIBRATION

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Misc Info :
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QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Phenol-d5
Ret Time: 7.17
Concentration: 20.42 ng/ul
Pk # and Type: 5 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	99.00	100.0%		7.17	6.17	67824	sys def
Q1	71.00	33.2	25.1- 37.7	7.17	to	22498	sys def
Q2	42.00	13.3	11.0- 16.6	7.17	8.17	9038	sys def
Q3	0.00	0.0	0.0- 0.0	7.17		0	sys def

$0 X^2 X + 1.45445 X + 0$
Rel. Std. Dev. = 9.32928%

Compound: Phenol
Ret Time: 7.20
Concentration: 20.46 ng/ul
Pk # and Type: 6 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	94.00	100.0%		7.20	6.20	69464	sys def
Q1	65.00	26.1	21.1- 31.7	7.20	to	18115	sys def
Q2	66.00	36.0	28.0- 42.0	7.20	8.20	25018	sys def
Q3	0.00	0.0	0.0- 0.0	7.20		0	sys def

$0 X^2 X + 1.48627 X + 0$
Rel. Std. Dev. = 8.81467%

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Sample Name: SSTDCCC020
Misc Info :
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QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Bis-(2-Chloroethyl)ether-d8
Ret Time: 7.32
Concentration: 21.14 ng/ul
Pk # and Type: 7 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	67.00	100.0%		7.32	6.33	35349	sys def
Q1	99.00	133.5	107.1- 160.7	7.32	to	47174	sys def
Q2	69.00	29.6	25.2- 37.8	7.32	8.33	10469	sys def
Q3	0.00	0.0	0.0- 0.0	7.32		0	sys def

$0 X^2 + 0.731903 X + 0$
Rel. Std. Dev. = 5.82045%

Compound: Bis(2-Chloroethyl)ether
Ret Time: 7.42
Concentration: 20.70 ng/ul
Pk # and Type: 8 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	93.00	100.0%		7.42	6.42	53096	sys def
Q1	63.00	71.2	58.7- 88.1	7.42	to	37802	sys def
Q2	95.00	32.3	26.9- 40.3	7.42	8.42	17150	sys def
Q3	0.00	0.0	0.0- 0.0	7.42		0	sys def

$0 X^2 + 1.12269 X + 0$
Rel. Std. Dev. = 5.77661%

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Misc Info :
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Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 2-Chlorophenol-d4
Ret Time: 7.54
Concentration: 21.13 ng/ul
Pk # and Type: 9 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	132.00	100.0%		7.54	6.54	62521	sys def
Q1	134.00	31.5	25.8- 38.6	7.54	to	19716	sys def
Q2	68.00	32.7	24.4- 36.6	7.54	8.54	20455	sys def
Q3	66.00	21.9	16.1- 24.1	7.54		13670	sys def

$0 X^2 X + 1.29548 X + 0$
Rel. Std. Dev. = 7.93181%

Compound: 2-Chlorophenol
Ret Time: 7.57
Concentration: 20.08 ng/ul
Pk # and Type: 10 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	128.00	100.0%		7.57	6.57	60647	sys def
Q1	64.00	37.3	30.7- 46.1	7.57	to	22636	sys def
Q2	130.00	31.7	26.3- 39.5	7.57	8.57	19255	sys def
Q3	0.00	0.0	0.0- 0.0	7.57		0	sys def

$0 X^2 X + 1.32202 X + 0$
Rel. Std. Dev. = 5.93038%

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Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 2-Methylphenol
Ret Time: 8.46
Concentration: 20.26 ng/ul
Pk # and Type: 11 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	108.00	100.0%		8.46	7.45	55892	sys def
Q1	107.00	88.2	72.3- 108.5	8.46	to	49298	sys def
Q2	0.00	0.0	0.0- 0.0	8.46	9.45	0	sys def
Q3	0.00	0.0	0.0- 0.0	8.46		0	sys def

$0 X^2 X + 1.20794 X + 0$
Rel. Std. Dev. = 9.08717%

Compound: 2,2'-oxybis(1-Chloropropane)
Ret Time: 8.54
Concentration: 21.27 ng/ul
Pk # and Type: 12 RTEINT used
! Qualifiers Not Used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	45.00	100.0%		8.54	7.54	70893	sys def
Q1	77.00	14.9	10.6- 15.8	8.54	to	10572	sys def
Q2	79.00	11.7	9.1- 13.7	8.54	9.54	8267	sys def
Q3	0.00	0.0	0.0- 0.0	8.54		0	sys def

$0 X^2 X + 1.45888 X + 0$
Rel. Std. Dev. = 6.62118%

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Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 4-Methylphenol-d8
Ret Time: 8.72
Concentration: 20.53 ng/ul
Pk # and Type: 13 RTEINT used
! Qualifiers Not Used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	113.00	100.0%		8.72	7.72	58079	sys def
Q1	115.00	93.3	75.5- 113.3	8.72	to	54170	sys def
Q2	54.00	10.6	9.0- 13.4	8.72	9.72	6176	sys def
Q3	0.00	0.0	0.0- 0.0	8.72		0	sys def

$0 X^2 X + 1.23874 X + 0$
Rel. Std. Dev. = 8.19942%

Compound: Acetophenone
Ret Time: 8.83
Concentration: 21.60 ng/ul
Pk # and Type: 14 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	105.00	100.0%		8.83	7.83	90771	sys def
Q1	77.00	69.4	57.4- 86.2	8.83	to	63013	sys def
Q2	51.00	22.6	18.1- 27.1	8.83	9.83	20474	sys def
Q3	0.00	0.0	0.0- 0.0	8.83		0	sys def

$0 X^2 X + 1.83983 X + 0$
Rel. Std. Dev. = 7.10658%

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Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: N-Nitroso-di-n-propylamine
Ret Time: 8.81
Concentration: 20.54 ng/ul
Pk # and Type: 15 RTEINT used
! Qualifiers Not Used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	70.00	100.0%		8.81	7.82	41972	sys def
Q1	42.00	46.0	41.4- 62.0	8.81	to	19287	sys def
Q2	101.00	11.0	9.8- 14.8	8.81	9.82	4637	sys def
Q3	130.00	23.2	20.2- 30.4	8.81		9740	sys def

$0 X^2 X + 0.894621 X + 0$
Rel. Std. Dev. = 4.84644%

Compound: 4-Methylphenol
Ret Time: 8.79
Concentration: 20.06 ng/ul
Pk # and Type: 16 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	108.00	100.0%		8.79	7.79	59120	sys def
Q1	107.00	114.0	90.0- 135.0	8.79	to	67400	sys def
Q2	0.00	0.0	0.0- 0.0	8.79	9.79	0	sys def
Q3	0.00	0.0	0.0- 0.0	8.79		0	sys def

$0 X^2 X + 1.29026 X + 0$
Rel. Std. Dev. = 8.27468%

SVOA CALIBRATION

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Operator : HP/JU
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Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Hexachloroethane
Ret Time: 9.09
Concentration: 20.35 ng/ul
Pk # and Type: 17 RTEINT used
! Qualifiers Not Used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	117.00	100.0%		9.09	8.10	24616	sys def
Q1	201.00	126.1	111.0- 166.6	9.09	to	31036	sys def
Q2	199.00	82.3	64.0- 96.0	9.09	10.10	20264	sys def
Q3	0.00	0.0	0.0- 0.0	9.09		0	sys def

$0 X^2 X + 0.52947 X + 0$
Rel. Std. Dev. = 3.86742%

Compound: Naphthalene-d8
Ret Time: 10.83
Concentration: 20.00 ng/ul
Pk # and Type: 18 *ISTD2 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	136.00	100.0%		10.83	9.83	186559	sys def
Q1	68.00	4.4	3.5- 5.3	10.83	to	8181	sys def
Q2	0.00	0.0	0.0- 0.0	10.83	11.83	0	sys def
Q3	0.00	0.0	0.0- 0.0	10.83		0	sys def

$0 X^2 X + 1 X + 0$
Rel. Std. Dev. = 0%

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Instrument :
BNA_G
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SSTDCCC040

Compound: Nitrobenzene-d5
Ret Time: 9.17
Concentration: 20.59 ng/ul
Pk # and Type: 19 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	128.00	100.0%		9.17	8.17	29578	sys def
Q1	82.00	195.2	164.2- 246.4	9.17	to	57741	sys def
Q2	54.00	93.8	74.9- 112.3	9.17	10.17	27742	sys def
Q3	0.00	0.0	0.0- 0.0	9.17		0	sys def

$0 X^2 X + 0.154005 X + 0$
Rel. Std. Dev. = 4.70862%

Compound: Nitrobenzene
Ret Time: 9.22
Concentration: 20.02 ng/ul
Pk # and Type: 20 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	77.00	100.0%		9.22	8.21	58262	sys def
Q1	123.00	53.3	42.0- 63.0	9.22	to	31073	sys def
Q2	65.00	13.2	9.8- 14.8	9.22	10.21	7673	sys def
Q3	0.00	0.0	0.0- 0.0	9.22		0	sys def

$0 X^2 X + 0.311921 X + 0$
Rel. Std. Dev. = 3.75695%

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Instrument :
BNA_G
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SSTDCCC040

Compound: Isophorone
Ret Time: 9.74
Concentration: 20.18 ng/ul
Pk # and Type: 21 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	82.00	100.0%		9.74	8.74	116989	sys def
Q1	95.00	7.6	6.6- 10.0	9.74	to	8948	sys def
Q2	138.00	22.1	17.4- 26.0	9.74	10.74	25842	sys def
Q3	0.00	0.0	0.0- 0.0	9.74		0	sys def

$0 X^2 X + 0.621501 X + 0$
Rel. Std. Dev. = 4.89076%

Compound: 2-Nitrophenol-d4
Ret Time: 9.90
Concentration: 21.54 ng/ul
Pk # and Type: 22 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	143.00	100.0%		9.90	8.90	36495	sys def
Q1	69.00	39.5	31.3- 46.9	9.90	to	14421	sys def
Q2	41.00	14.5	12.0- 18.0	9.90	10.90	5308	sys def
Q3	42.00	14.8	12.2- 18.2	9.90		5399	sys def

$0 X^2 X + 0.181621 X + 0$
Rel. Std. Dev. = 12.2978%

SVOA CALIBRATION

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Instrument :
BNA_G
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SSTDCCC040

Compound: 2-Nitrophenol
Ret Time: 9.93
Concentration: 21.01 ng/ul
Pk # and Type: 23 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	139.00	100.0%		9.93	8.93	37583	sys def
Q1	65.00	40.5	34.6- 51.8	9.93	to	15236	sys def
Q2	109.00	26.3	19.4- 29.0	9.93	10.93	9872	sys def
Q3	0.00	0.0	0.0- 0.0	9.93		0	sys def

$0 X^2 X + 0.191779 X + 0$
Rel. Std. Dev. = 9.75314%

Compound: 2,4-Dimethylphenol
Ret Time: 10.00
Concentration: 20.36 ng/ul
Pk # and Type: 24 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	107.00	100.0%		10.00	8.99	66713	sys def
Q1	121.00	53.5	43.3- 64.9	10.00	to	35689	sys def
Q2	122.00	90.4	70.5- 105.7	10.00	10.99	60340	sys def
Q3	0.00	0.0	0.0- 0.0	10.00		0	sys def

$0 X^2 X + 0.3512 X + 0$
Rel. Std. Dev. = 5.24359%

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ClientSampleId :
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Compound: Bis(2-Chloroethoxy)methane
Ret Time: 10.22
Concentration: 20.13 ng/ul
Pk # and Type: 25 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	93.00	100.0%		10.22	9.22	72357	sys def
Q1	95.00	33.2	27.6- 41.4	10.22	to	24031	sys def
Q2	123.00	11.7	11.1- 16.7	10.22	11.22	8450	sys def
Q3	0.00	0.0	0.0- 0.0	10.22		0	sys def

$0 X^2 X + 0.385434 X + 0$
Rel. Std. Dev. = 4.48454%

Compound: 2,4-Dichlorophenol-d3
Ret Time: 10.45
Concentration: 19.71 ng/ul
Pk # and Type: 26 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	165.00	100.0%		10.45	9.44	68485	sys def
Q1	167.00	66.9	50.8- 76.2	10.45	to	45799	sys def
Q2	101.00	29.8	23.0- 34.6	10.45	11.44	20406	sys def
Q3	0.00	0.0	0.0- 0.0	10.45		0	sys def

$0 X^2 X + 0.372578 X + 0$
Rel. Std. Dev. = 6.22601%

SVOA CALIBRATION

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Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
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Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 2,4-Dichlorophenol
Ret Time: 10.48
Concentration: 20.12 ng/ul
Pk # and Type: 27 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	162.00	100.0%		10.48	9.47	66317	sys def
Q1	164.00	69.7	53.1- 79.7	10.48	to	46197	sys def
Q2	98.00	29.3	21.0- 31.4	10.48	11.47	19441	sys def
Q3	0.00	0.0	0.0- 0.0	10.48		0	sys def

$0 X^2 + 0.353324 X + 0$
Rel. Std. Dev. = 7.72748%

Compound: Naphthalene
Ret Time: 10.87
Concentration: 20.19 ng/ul
Pk # and Type: 28 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	128.00	100.0%		10.87	9.88	192427	sys def
Q1	129.00	11.5	8.8- 13.2	10.87	to	22112	sys def
Q2	127.00	13.9	10.4- 15.6	10.87	11.88	26772	sys def
Q3	0.00	0.0	0.0- 0.0	10.87		0	sys def

$0 X^2 + 1.02196 X + 0$
Rel. Std. Dev. = 3.83555%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 4-Chloroaniline-d4
Ret Time: 10.96
Concentration: 22.20 ng/ul
Pk # and Type: 29 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	131.00	100.0%		10.96	9.96	82235	sys def
Q1	133.00	33.1	26.0- 39.0	10.96	to	27247	sys def
Q2	69.00	13.6	12.1- 18.1	10.96	11.96	11171	sys def
Q3	0.00	0.0	0.0- 0.0	10.96		0	sys def

$0 X^2 X + 0.397175 X + 0$
Rel. Std. Dev. = 13.1743%

Compound: 4-Chloroaniline
Ret Time: 10.99
Concentration: 21.53 ng/ul
Pk # and Type: 30 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	127.00	100.0%		10.99	9.98	78740	sys def
Q1	129.00	32.7	25.0- 37.4	10.99	to	25729	sys def
Q2	0.00	0.0	0.0- 0.0	10.99	11.98	0	sys def
Q3	0.00	0.0	0.0- 0.0	10.99		0	sys def

$0 X^2 X + 0.392158 X + 0$
Rel. Std. Dev. = 12.8619%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Hexachlorobutadiene
Ret Time: 11.17
Concentration: 20.39 ng/ul
Pk # and Type: 31 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	225.00	100.0%		11.17	10.17	50927	sys def
Q1	223.00	61.3	48.2- 72.4	11.17	to	31230	sys def
Q2	227.00	62.9	50.2- 75.2	11.17	12.17	32038	sys def
Q3	0.00	0.0	0.0- 0.0	11.17		0	sys def

$0 X^2 + 0.267785 X + 0$
Rel. Std. Dev. = 4.64829%

Compound: Caprolactam
Ret Time: 11.74
Concentration: 23.24 ng/ul
Pk # and Type: 32 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	113.00	100.0%		11.74	10.74	25125	sys def
Q1	55.00	143.1	112.6- 168.8	11.74	to	35951	sys def
Q2	56.00	105.6	89.4- 134.0	11.74	12.74	26538	sys def
Q3	0.00	0.0	0.0- 0.0	11.74		0	sys def

$0 X^2 + 0.115893 X + 0$
Rel. Std. Dev. = 10.273%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 4-Chloro-3-methylphenol
Ret Time: 12.12
Concentration: 19.93 ng/ul
Pk # and Type: 33 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	107.00	100.0%		12.12	11.11	61065	sys def
Q1	144.00	30.2	24.6- 36.8	12.12	to	18443	sys def
Q2	142.00	88.3	71.8- 107.6	12.12	13.11	53944	sys def
Q3	0.00	0.0	0.0- 0.0	12.12		0	sys def

$0 X^2 X + 0.328394 X + 0$
Rel. Std. Dev. = 7.27013%

Compound: 2-Methylnaphthalene
Ret Time: 12.49
Concentration: 20.04 ng/ul
Pk # and Type: 34 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	142.00	100.0%		12.49	11.49	152114	sys def
Q1	141.00	91.6	70.3- 105.5	12.49	to	139350	sys def
Q2	0.00	0.0	0.0- 0.0	12.49	13.49	0	sys def
Q3	0.00	0.0	0.0- 0.0	12.49		0	sys def

$0 X^2 X + 0.813929 X + 0$
Rel. Std. Dev. = 4.33648%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 1-Methylnaphthalene
Ret Time: 12.71
Concentration: 20.54 ng/ul
Pk # and Type: 35 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	142.00	100.0%		12.71	11.70	149278	sys def
Q1	141.00	93.5	75.1- 112.7	12.71	to	139648	sys def
Q2	116.00	3.6	2.7- 4.1	12.71	13.70	5313	sys def
Q3	0.00	0.0	0.0- 0.0	12.71		0	sys def

$0 X^2 X + 0.779205 X + 0$
Rel. Std. Dev. = 3.77598%

Compound: Acenaphthene-d10
Ret Time: 14.66
Concentration: 20.00 ng/ul
Pk # and Type: 36 *ISTD3 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	164.00	100.0%		14.66	13.66	133116	sys def
Q1	162.00	100.3	81.1- 121.7	14.66	to	133456	sys def
Q2	160.00	44.9	34.0- 51.0	14.66	15.66	59793	sys def
Q3	0.00	0.0	0.0- 0.0	14.66		0	sys def

$0 X^2 X + 1 X + 0$
Rel. Std. Dev. = 0%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 1,2,4,5-Tetrachlorobenzene
Ret Time: 12.86
Concentration: 20.45 ng/ul
Pk # and Type: 37 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	216.00	100.0%		12.86	11.86	97295	sys def
Q1	214.00	75.6	61.0- 91.4	12.86	to	73542	sys def
Q2	179.00	19.0	14.5- 21.7	12.86	13.86	18449	sys def
Q3	108.00	10.8	8.9- 13.3	12.86		10522	sys def

$0 X^2 X + 0.714699 X + 0$
Rel. Std. Dev. = 4.49227%

Compound: Hexachlorocyclopentadiene
Ret Time: 12.84
Concentration: 17.97 ng/ul
Pk # and Type: 38 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	237.00	100.0%		12.84	11.84	44999	sys def
Q1	235.00	59.1	49.8- 74.8	12.84	to	26602	sys def
Q2	272.00	12.4	9.4- 14.0	12.84	13.84	5579	sys def
Q3	0.00	0.0	0.0- 0.0	12.84		0	sys def

$0 X^2 X + 0.37622 X + 0$
Rel. Std. Dev. = 17.9083%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 2,4,6-Trichlorophenol
Ret Time: 13.10
Concentration: 19.78 ng/ul
Pk # and Type: 39 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	196.00	100.0%		13.10	12.10	58855	sys def
Q1	198.00	97.5	78.3- 117.5	13.10	to	57405	sys def
Q2	200.00	31.2	26.1- 39.1	13.10	14.10	18388	sys def
Q3	0.00	0.0	0.0- 0.0	13.10		0	sys def

$0 X^2 X + 0.446982 X + 0$
Rel. Std. Dev. = 8.67087%

Compound: 2,4,5-Trichlorophenol
Ret Time: 13.18
Concentration: 18.53 ng/ul
Pk # and Type: 40 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	196.00	100.0%		13.18	12.18	59616	sys def
Q1	198.00	95.7	75.1- 112.7	13.18	to	57062	sys def
Q2	200.00	29.7	24.4- 36.6	13.18	14.18	17719	sys def
Q3	0.00	0.0	0.0- 0.0	13.18		0	sys def

$0 X^2 X + 0.483347 X + 0$
Rel. Std. Dev. = 7.36402%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 1,1'-Biphenyl
Ret Time: 13.49
Concentration: 20.29 ng/ul
Pk # and Type: 41 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	154.00	100.0%		13.49	12.49	195730	sys def
Q1	153.00	42.2	34.4- 51.6	13.49	to	82658	sys def
Q2	76.00	9.5	7.9- 11.9	13.49	14.49	18610	sys def
Q3	0.00	0.0	0.0- 0.0	13.49		0	sys def

$0 X^2 + 1.4493 X + 0$
Rel. Std. Dev. = 4.88457%

Compound: 2-Chloronaphthalene
Ret Time: 13.53
Concentration: 20.28 ng/ul
Pk # and Type: 42 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	162.00	100.0%		13.53	12.54	160342	sys def
Q1	164.00	33.9	28.5- 42.7	13.53	to	54405	sys def
Q2	127.00	32.8	26.1- 39.1	13.53	14.54	52521	sys def
Q3	0.00	0.0	0.0- 0.0	13.53		0	sys def

$0 X^2 + 1.18766 X + 0$
Rel. Std. Dev. = 4.07195%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 2-Nitroaniline
Ret Time: 13.74
Concentration: 20.43 ng/ul
Pk # and Type: 43 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	65.00	100.0%		13.74	12.74	35215	sys def
Q1	92.00	84.5	59.4- 89.0	13.74	to	29754	sys def
Q2	138.00	147.1	108.2- 162.4	13.74	14.74	51799	sys def
Q3	0.00	0.0	0.0- 0.0	13.74		0	sys def

$0 X^2 + 0.259039 X + 0$
Rel. Std. Dev. = 8.05055%

Compound: Dimethylphthalate-d6
Ret Time: 14.06
Concentration: 20.81 ng/ul
Pk # and Type: 44 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	166.00	100.0%		14.06	13.06	215560	sys def
Q1	78.00	10.8	8.9- 13.3	14.06	to	23267	sys def
Q2	0.00	0.0	0.0- 0.0	14.06	15.06	0	sys def
Q3	0.00	0.0	0.0- 0.0	14.06		0	sys def

$0 X^2 + 1.55596 X + 0$
Rel. Std. Dev. = 4.58974%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Dimethylphthalate
Ret Time: 14.11
Concentration: 20.50 ng/ul
Pk # and Type: 45 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	163.00	100.0%		14.11	13.11	209012	sys def
Q1	194.00	4.8	4.6- 6.8	14.11	to	10023	sys def
Q2	164.00	10.6	8.3- 12.5	14.11	15.11	22095	sys def
Q3	0.00	0.0	0.0- 0.0	14.11		0	sys def

$0 X^2 X + 1.53176 X + 0$
Rel. Std. Dev. = 5.27675%

Compound: 2,6-Dinitrotoluene
Ret Time: 14.23
Concentration: 20.55 ng/ul
Pk # and Type: 46 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	165.00	100.0%		14.23	13.23	47572	sys def
Q1	89.00	37.6	32.4- 48.6	14.23	to	17908	sys def
Q2	121.00	18.1	13.9- 20.9	14.23	15.23	8633	sys def
Q3	0.00	0.0	0.0- 0.0	14.23		0	sys def

$0 X^2 X + 0.347844 X + 0$
Rel. Std. Dev. = 5.80238%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Acenaphthylene-d8
Ret Time: 14.36
Concentration: 22.40 ng/ul
Pk # and Type: 47 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	160.00	100.0%		14.36	13.36	272290	sys def
Q1	80.00	7.4	6.4- 9.6	14.36	to	20069	sys def
Q2	158.00	15.5	12.2- 18.2	14.36	15.36	42252	sys def
Q3	0.00	0.0	0.0- 0.0	14.36		0	sys def

$0 X^2 X + 1.82641 X + 0$
Rel. Std. Dev. = 7.21335%

Compound: Acenaphthylene
Ret Time: 14.38
Concentration: 19.85 ng/ul
Pk # and Type: 48 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	152.00	100.0%		14.38	13.39	235297	sys def
Q1	151.00	20.7	16.9- 25.3	14.38	to	48699	sys def
Q2	153.00	13.2	10.5- 15.7	14.38	15.39	30958	sys def
Q3	0.00	0.0	0.0- 0.0	14.38		0	sys def

$0 X^2 X + 1.78058 X + 0$
Rel. Std. Dev. = 6.03148%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 3-Nitroaniline
Ret Time: 14.56
Concentration: 23.09 ng/ul
Pk # and Type: 49 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	138.00	100.0%		14.56	13.56	41018	sys def
Q1	108.00	8.8	6.5- 9.7	14.56	to	3614	sys def
Q2	92.00	98.2	77.3- 115.9	14.56	15.56	40269	sys def
Q3	0.00	0.0	0.0- 0.0	14.56		0	sys def

$0 X^2 + 0.266853 X + 0$
Rel. Std. Dev. = 13.6623%

Compound: Acenaphthene
Ret Time: 14.73
Concentration: 20.39 ng/ul
Pk # and Type: 50 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	153.00	100.0%		14.73	13.73	170013	sys def
Q1	152.00	46.4	38.3- 57.5	14.73	to	78929	sys def
Q2	154.00	88.3	69.8- 104.8	14.73	15.73	150140	sys def
Q3	0.00	0.0	0.0- 0.0	14.73		0	sys def

$0 X^2 + 1.25267 X + 0$
Rel. Std. Dev. = 4.16253%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 2,4-Dinitrophenol
Ret Time: 14.79
Concentration: 14.17 ng/ul
Pk # and Type: 51 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	184.00	100.0%		14.79	13.78	17091	sys def
Q1	63.00	36.2	29.5- 44.3	14.79	to	6182	sys def
Q2	154.00	47.6	36.3- 54.5	14.79	15.78	8132	sys def
Q3	0.00	0.0	0.0- 0.0	14.79		0	sys def

$0 X^2 X + 0.181266 X + 0$
Rel. Std. Dev. = 35.7229%

Compound: 4-Nitrophenol-d4
Ret Time: 14.87
Concentration: 19.40 ng/ul
Pk # and Type: 52 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	143.00	100.0%		14.87	13.86	31714	sys def
Q1	113.00	59.6	52.6- 79.0	14.87	to	18907	sys def
Q2	41.00	21.5	18.0- 27.0	14.87	15.86	6827	sys def
Q3	42.00	15.5	12.3- 18.5	14.87		4900	sys def

$0 X^2 X + 0.245599 X + 0$
Rel. Std. Dev. = 11.7362%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 4-Nitrophenol
Ret Time: 14.89
Concentration: 18.04 ng/ul
Pk # and Type: 53 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	109.00	100.0%		14.89	13.88	19250	sys def
Q1	139.00	154.6	125.8- 188.6	14.89	to	29763	sys def
Q2	65.00	124.9	95.2- 142.8	14.89	15.88	24043	sys def
Q3	0.00	0.0	0.0- 0.0	14.89		0	sys def

$0 X^2 + 0.160299 X + 0$
Rel. Std. Dev. = 13.2794%

Compound: Dibenzofuran
Ret Time: 15.06
Concentration: 20.41 ng/ul
Pk # and Type: 54 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	168.00	100.0%		15.06	14.06	251910	sys def
Q1	139.00	32.8	26.8- 40.2	15.06	to	82567	sys def
Q2	0.00	0.0	0.0- 0.0	15.06	16.06	0	sys def
Q3	0.00	0.0	0.0- 0.0	15.06		0	sys def

$0 X^2 + 1.85477 X + 0$
Rel. Std. Dev. = 5.70637%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 2,4-Dinitrotoluene
Ret Time: 15.03
Concentration: 20.59 ng/ul
Pk # and Type: 55 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	165.00	100.0%		15.03	14.02	67444	sys def
Q1	63.00	26.8	23.0- 34.6	15.03	to	18105	sys def
Q2	182.00	3.4	2.6- 4.0	15.03	16.02	2303	sys def
Q3	0.00	0.0	0.0- 0.0	15.03		0	sys def

$0 X^2 + 0.492177 X + 0$
Rel. Std. Dev. = 6.02587%

Compound: 2,3,4,6-Tetrachlorophenol
Ret Time: 15.29
Concentration: 19.94 ng/ul
Pk # and Type: 56 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	232.00	100.0%		15.29	14.29	60661	sys def
Q1	131.00	31.8	25.1- 37.7	15.29	to	19298	sys def
Q2	130.00	2.0	1.4- 2.2	15.29	16.29	1223	sys def
Q3	166.00	26.3	21.8- 32.8	15.29		15972	sys def

$0 X^2 + 0.457103 X + 0$
Rel. Std. Dev. = 7.56181%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Diethylphthalate
Ret Time: 15.47
Concentration: 20.38 ng/ul
Pk # and Type: 57 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	149.00	100.0%		15.47	14.47	203070	sys def
Q1	177.00	24.6	19.9- 29.9	15.47	to	49913	sys def
Q2	150.00	13.2	10.5- 15.7	15.47	16.47	26725	sys def
Q3	0.00	0.0	0.0- 0.0	15.47		0	sys def

$0 X^2 X + 1.49706 X + 0$
Rel. Std. Dev. = 4.68752%

Compound: Fluorene-d10
Ret Time: 15.66
Concentration: 21.06 ng/ul
Pk # and Type: 58 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	176.00	100.0%		15.66	14.66	194260	sys def
Q1	174.00	93.4	77.1- 115.7	15.66	to	181517	sys def
Q2	87.00	7.1	6.0- 9.0	15.66	16.66	13759	sys def
Q3	86.00	6.4	5.8- 8.8	15.66		12400	sys def

$0 X^2 X + 1.38601 X + 0$
Rel. Std. Dev. = 4.49406%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Fluorene
Ret Time: 15.71
Concentration: 20.62 ng/ul
Pk # and Type: 59 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	166.00	100.0%		15.71	14.71	205572	sys def
Q1	165.00	98.2	79.4- 119.2	15.71	to	201872	sys def
Q2	167.00	14.5	11.0- 16.4	15.71	16.71	29811	sys def
Q3	0.00	0.0	0.0- 0.0	15.71		0	sys def

$0 X^2 X + 1.49775 X + 0$
Rel. Std. Dev. = 5.4616%

Compound: 4-Chlorophenyl-phenylether
Ret Time: 15.70
Concentration: 20.75 ng/ul
Pk # and Type: 60 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	204.00	100.0%		15.70	14.70	119774	sys def
Q1	206.00	35.2	27.9- 41.9	15.70	to	42164	sys def
Q2	141.00	45.6	37.8- 56.8	15.70	16.70	54577	sys def
Q3	0.00	0.0	0.0- 0.0	15.70		0	sys def

$0 X^2 X + 0.867281 X + 0$
Rel. Std. Dev. = 4.30388%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 4-Nitroaniline
Ret Time: 15.73
Concentration: 22.17 ng/ul
Pk # and Type: 61 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	138.00	100.0%		15.73	14.73	43447	sys def
Q1	92.00	43.0	35.2- 52.8	15.73	to	18661	sys def
Q2	108.00	65.1	53.8- 80.8	15.73	16.73	28271	sys def
Q3	0.00	0.0	0.0- 0.0	15.73		0	sys def

$0 X^2 X + 0.294398 X + 0$
Rel. Std. Dev. = 11.528%

Compound: Phenanthrene-d10
Ret Time: 17.41
Concentration: 20.00 ng/ul
Pk # and Type: 62 *ISTD4 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	188.00	100.0%		17.41	16.42	306924	sys def
Q1	94.00	6.3	4.7- 7.1	17.41	to	19330	sys def
Q2	80.00	6.8	5.6- 8.4	17.41	18.42	20905	sys def
Q3	0.00	0.0	0.0- 0.0	17.41		0	sys def

$0 X^2 X + 1 X + 0$
Rel. Std. Dev. = 0%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 4,6-Dinitro-2-methylphenol-d2
Ret Time: 15.78
Concentration: 20.56 ng/ul
Pk # and Type: 63 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	200.00	100.0%		15.78	14.78	43059	sys def
Q1	170.00	16.9	11.8- 17.6	15.78	to	7275	sys def
Q2	52.00	22.2	19.4- 29.0	15.78	16.78	9546	sys def
Q3	0.00	0.0	0.0- 0.0	15.78		0	sys def

$0 X^2 X + 0.136502 X + 0$
Rel. Std. Dev. = 13.0435%

Compound: 4,6-Dinitro-2-methylphenol
Ret Time: 15.79
Concentration: 18.76 ng/ul
Pk # and Type: 64 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	198.00	100.0%		15.79	14.79	41936	sys def
Q1	182.00	3.5	3.4- 5.2	15.79	to	1454	sys def
Q2	77.00	16.4	12.4- 18.6	15.79	16.79	6863	sys def
Q3	0.00	0.0	0.0- 0.0	15.79		0	sys def

$0 X^2 X + 0.145652 X + 0$
Rel. Std. Dev. = 13.7861%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: N-Nitrosodiphenylamine
Ret Time: 15.91
Concentration: 20.02 ng/ul
Pk # and Type: 65 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	169.00	100.0%		15.91	14.91	185848	sys def
Q1	168.00	70.3	55.0- 82.4	15.91	to	130567	sys def
Q2	167.00	36.2	29.0- 43.6	15.91	16.91	67343	sys def
Q3	0.00	0.0	0.0- 0.0	15.91		0	sys def

$0 X^2 + 0.60503 X + 0$
Rel. Std. Dev. = 5.1715%

Compound: 4-Bromophenyl-phenylether
Ret Time: 16.60
Concentration: 20.34 ng/ul
Pk # and Type: 66 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	248.00	100.0%		16.60	15.60	83185	sys def
Q1	250.00	97.8	78.8- 118.2	16.60	to	81360	sys def
Q2	141.00	54.2	40.9- 61.3	16.60	17.60	45097	sys def
Q3	0.00	0.0	0.0- 0.0	16.60		0	sys def

$0 X^2 + 0.266484 X + 0$
Rel. Std. Dev. = 4.53172%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Hexachlorobenzene
Ret Time: 16.73
Concentration: 19.87 ng/ul
Pk # and Type: 67 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	284.00	100.0%		16.73	15.72	85730	sys def
Q1	142.00	24.8	18.6- 28.0	16.73	to	21292	sys def
Q2	249.00	31.2	24.4- 36.6	16.73	17.72	26716	sys def
Q3	0.00	0.0	0.0- 0.0	16.73		0	sys def

$0 X^2 X + 0.28118 X + 0$
Rel. Std. Dev. = 4.04161%

Compound: Atrazine
Ret Time: 16.86
Concentration: 24.21 ng/ul
Pk # and Type: 68 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	200.00	100.0%		16.86	15.86	94441	sys def
Q1	173.00	24.3	20.5- 30.7	16.86	to	22959	sys def
Q2	215.00	53.2	42.7- 64.1	16.86	17.86	50243	sys def
Q3	0.00	0.0	0.0- 0.0	16.86		0	sys def

$0 X^2 X + 0.254147 X + 0$
Rel. Std. Dev. = 12.178%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Pentachlorophenol
Ret Time: 17.08
Concentration: 13.95 ng/ul
Pk # and Type: 69 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	265.70	100.0%		17.08	16.07	32025	sys def
Q1	264.00	59.7	49.0- 73.4	17.08	to	19119	sys def
Q2	268.00	61.2	47.2- 70.8	17.08	18.07	19612	sys def
Q3	0.00	0.0	0.0- 0.0	17.08		0	sys def

$0 X^2 + 0.149592 X + 0$
Rel. Std. Dev. = 18.8758%

Compound: Phenanthrene
Ret Time: 17.45
Concentration: 20.51 ng/ul
Pk # and Type: 70 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	178.00	100.0%		17.45	16.45	349067	sys def
Q1	179.00	16.2	12.6- 18.8	17.45	to	56524	sys def
Q2	176.00	19.3	15.2- 22.8	17.45	18.45	67504	sys def
Q3	0.00	0.0	0.0- 0.0	17.45		0	sys def

$0 X^2 + 1.10917 X + 0$
Rel. Std. Dev. = 7.1134%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Anthracene-d10
Ret Time: 17.51
Concentration: 21.08 ng/ul
Pk # and Type: 71 RTEINT used

	Signal	Ratios	Limits		RT	Limits	Resp	Integ	Type
Tgt	188.00	100.0%			17.51	16.51	314833	sys	def
Q1	94.00	7.1	5.6-	8.4	17.51	to	22473	sys	def
Q2	80.00	6.4	5.1-	7.7	17.51	18.51	20021	sys	def
Q3	0.00	0.0	0.0-	0.0	17.51		0	sys	def

$0 X^2 + 0.973389 X + 0$
Rel. Std. Dev. = 6.71319%

Compound: Anthracene
Ret Time: 17.55
Concentration: 20.79 ng/ul
Pk # and Type: 72 RTEINT used

	Signal	Ratios	Limits		RT	Limits	Resp	Integ	Type
Tgt	178.00	100.0%			17.55	16.54	356402	sys	def
Q1	179.00	15.8	12.6-	19.0	17.55	to	56390	sys	def
Q2	176.00	18.2	14.7-	22.1	17.55	18.54	64888	sys	def
Q3	0.00	0.0	0.0-	0.0	17.55		0	sys	def

$0 X^2 + 1.11698 X + 0$
Rel. Std. Dev. = 7.97411%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: 1,2,3,4-Tetrachlorobenzene
Ret Time: 13.46
Concentration: 19.99 ng/uL
Pk # and Type: 73 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	216.00	100.0%		13.46	12.46	98337	sys def
Q1	214.00	78.7	60.7- 91.1	13.46	to	77366	sys def
Q2	218.00	50.0	37.7- 56.5	13.46	14.46	49214	sys def
Q3	0.00	0.0	0.0- 0.0	13.46		0	sys def

$0 X^2 + 0.320538 X + 0$
Rel. Std. Dev. = 6.19795%

Compound: Pentachlorobenzene
Ret Time: 14.99
Concentration: 20.22 ng/uL
Pk # and Type: 74 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	250.00	100.0%		14.99	13.98	104815	sys def
Q1	248.00	64.0	50.3- 75.5	14.99	to	67114	sys def
Q2	252.00	65.1	51.9- 77.9	14.99	15.98	68272	sys def
Q3	0.00	0.0	0.0- 0.0	14.99		0	sys def

$0 X^2 + 0.337863 X + 0$
Rel. Std. Dev. = 4.58068%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Carbazole
Ret Time: 17.82
Concentration: 21.58 ng/ul
Pk # and Type: 75 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	167.00	100.0%		17.82	16.81	305343	sys def
Q1	166.00	22.4	18.7- 28.1	17.82	to	68273	sys def
Q2	139.00	11.8	9.8- 14.6	17.82	18.81	36023	sys def
Q3	0.00	0.0	0.0- 0.0	17.82		0	sys def

$0 X^2 + 0.921931 X + 0$
Rel. Std. Dev. = 11.448%

Compound: Di-n-butylphthalate
Ret Time: 18.37
Concentration: 21.09 ng/ul
Pk # and Type: 76 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	149.00	100.0%		18.37	17.37	363542	sys def
Q1	150.00	9.7	7.8- 11.6	18.37	to	35405	sys def
Q2	104.00	4.3	3.4- 5.2	18.37	19.37	15800	sys def
Q3	0.00	0.0	0.0- 0.0	18.37		0	sys def

$0 X^2 + 1.12342 X + 0$
Rel. Std. Dev. = 7.38759%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Fluoranthene
Ret Time: 19.47
Concentration: 22.94 ng/ul
Pk # and Type: 77 RTEINT used

	Signal	Ratios	Limits		RT	Limits	Resp	Integ	Type
Tgt	202.00	100.0%			19.47	18.46	452762	sys	def
Q1	101.00	7.2	6.3-	9.5	19.47	to	32386	sys	def
Q2	100.00	5.3	5.0-	7.4	19.47	20.46	24082	sys	def
Q3	0.00	0.0	0.0-	0.0	19.47		0	sys	def

$0 X^2 X + 1.28601 X + 0$
Rel. Std. Dev. = 17.7922%

Compound: Chrysene-d12
Ret Time: 21.69
Concentration: 20.00 ng/ul
Pk # and Type: 78 *ISTD5 RTEINT used

	Signal	Ratios	Limits		RT	Limits	Resp	Integ	Type
Tgt	240.00	100.0%			21.69	20.69	320594	sys	def
Q1	120.00	6.8	5.4-	8.0	21.69	to	21859	sys	def
Q2	236.00	26.2	21.7-	32.5	21.69	22.69	84135	sys	def
Q3	0.00	0.0	0.0-	0.0	21.69		0	sys	def

$0 X^2 X + 1 X + 0$
Rel. Std. Dev. = 0%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Pyrene-d10
Ret Time: 19.80
Concentration: 21.41 ng/ul
Pk # and Type: 79 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	212.00	100.0%		19.80	18.79	374593	sys def
Q1	106.00	9.7	7.4- 11.2	19.80	to	36267	sys def
Q2	104.00	6.4	5.6- 8.4	19.80	20.79	23892	sys def
Q3	0.00	0.0	0.0- 0.0	19.80		0	sys def

$0 X^2 X + 1.09141 X + 0$
Rel. Std. Dev. = 5.5895%

Compound: Pyrene
Ret Time: 19.83
Concentration: 21.14 ng/ul
Pk # and Type: 80 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	202.00	100.0%		19.83	18.82	447322	sys def
Q1	101.00	9.5	7.6- 11.4	19.83	to	42521	sys def
Q2	100.00	7.2	6.0- 9.0	19.83	20.82	32156	sys def
Q3	0.00	0.0	0.0- 0.0	19.83		0	sys def

$0 X^2 X + 1.3203 X + 0$
Rel. Std. Dev. = 8.51956%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Butylbenzylphthalate
Ret Time: 20.71
Concentration: 20.72 ng/ul
Pk # and Type: 81 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	149.00	100.0%		20.71	19.70	169802	sys def
Q1	91.00	57.1	45.8- 68.8	20.71	to	97023	sys def
Q2	206.00	28.2	21.8- 32.8	20.71	21.70	47879	sys def
Q3	0.00	0.0	0.0- 0.0	20.71		0	sys def

$0 X^2 X + 0.511192 X + 0$
Rel. Std. Dev. = 4.60651%

Compound: 3,3'-Dichlorobenzidine
Ret Time: 21.58
Concentration: 22.70 ng/ul
Pk # and Type: 82 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	252.00	100.0%		21.58	20.58	174401	sys def
Q1	254.00	65.2	51.5- 77.3	21.58	to	113665	sys def
Q2	126.00	6.8	5.6- 8.4	21.58	22.58	11897	sys def
Q3	0.00	0.0	0.0- 0.0	21.58		0	sys def

$0 X^2 X + 0.479387 X + 0$
Rel. Std. Dev. = 13.562%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Benzo(a)anthracene
Ret Time: 21.67
Concentration: 20.83 ng/ul
Pk # and Type: 83 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	228.00	100.0%		21.67	20.67	456509	sys def
Q1	229.00	19.7	16.6- 24.8	21.67	to	89993	sys def
Q2	226.00	27.7	22.0- 33.0	21.67	22.67	126493	sys def
Q3	0.00	0.0	0.0- 0.0	21.67		0	sys def

$0 X^2 + 1.3675 X + 0$
Rel. Std. Dev. = 7.13384%

Compound: Bis(2-ethylhexyl)phthalate
Ret Time: 21.57
Concentration: 21.36 ng/ul
Pk # and Type: 84 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	149.00	100.0%		21.57	20.57	242071	sys def
Q1	167.00	30.7	25.1- 37.7	21.57	to	74330	sys def
Q2	279.00	6.4	5.4- 8.2	21.57	22.57	15449	sys def
Q3	0.00	0.0	0.0- 0.0	21.57		0	sys def

$0 X^2 + 0.707032 X + 0$
Rel. Std. Dev. = 4.94891%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Chrysene
Ret Time: 21.73
Concentration: 20.69 ng/ul
Pk # and Type: 85 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	228.00	100.0%		21.73	20.74	427737	sys def
Q1	226.00	30.6	24.2- 36.4	21.73	to	130785	sys def
Q2	229.00	20.4	16.2- 24.2	21.73	22.74	87462	sys def
Q3	0.00	0.0	0.0- 0.0	21.73		0	sys def

$0 X^2 X + 1.28991 X + 0$
Rel. Std. Dev. = 7.52507%

Compound: Perylene-d12
Ret Time: 24.93
Concentration: 20.00 ng/ul
Pk # and Type: 86 *ISTD6 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	264.00	100.0%		24.93	23.94	381494	sys def
Q1	260.00	21.7	18.8- 28.2	24.93	to	82690	sys def
Q2	265.00	21.6	17.3- 25.9	24.93	25.94	82571	sys def
Q3	0.00	0.0	0.0- 0.0	24.93		0	sys def

$0 X^2 X + 1 X + 0$
Rel. Std. Dev. = 0%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Di-n-octyl phthalate
Ret Time: 22.79
Concentration: 22.41 ng/ul
Pk # and Type: 87 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	149.00	100.0%		22.79	21.79	417098	sys def
Q1	0.00	0.0	0.0- 0.0	22.79	to	0	sys def
Q2	0.00	0.0	0.0- 0.0	22.79	23.79	0	sys def
Q3	0.00	0.0	0.0- 0.0	22.79		0	sys def

$0 X^2 X + 0.97579 X + 0$
Rel. Std. Dev. = 11.8831%

Compound: Benzo(b)fluoranthene
Ret Time: 23.90
Concentration: 20.56 ng/ul
Pk # and Type: 88 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	252.00	100.0%		23.90	22.90	479155	sys def
Q1	253.00	22.6	18.5- 27.7	23.90	to	108323	sys def
Q2	125.00	6.6	5.8- 8.6	23.90	24.90	31472	sys def
Q3	0.00	0.0	0.0- 0.0	23.90		0	sys def

$0 X^2 X + 1.22198 X + 0$
Rel. Std. Dev. = 5.02528%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Benzo(k)fluoranthene
Ret Time: 23.96
Concentration: 20.39 ng/ul
Pk # and Type: 89 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	252.00	100.0%		23.96	22.97	460221	sys def
Q1	253.00	22.8	17.8- 26.8	23.96	to	104901	sys def
Q2	125.00	6.7	5.6- 8.4	23.96	24.97	30617	sys def
Q3	0.00	0.0	0.0- 0.0	23.96		0	sys def

$0 X^2 X + 1.18351 X + 0$
Rel. Std. Dev. = 6.994%

Compound: Benzo(a)pyrene-d12
Ret Time: 24.70
Concentration: 20.24 ng/ul
Pk # and Type: 90 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	264.00	100.0%		24.70	23.70	400825	sys def
Q1	132.00	11.2	8.6- 13.0	24.70	to	44949	sys def
Q2	118.00	6.6	4.8- 7.2	24.70	25.70	26529	sys def
Q3	0.00	0.0	0.0- 0.0	24.70		0	sys def

$0 X^2 X + 1.03809 X + 0$
Rel. Std. Dev. = 4.23879%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Benzo(a)pyrene
Ret Time: 24.77
Concentration: 20.29 ng/ul
Pk # and Type: 91 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	252.00	100.0%		24.77	23.77	455790	sys def
Q1	253.00	22.4	17.9- 26.9	24.77	to	102021	sys def
Q2	125.00	7.2	6.4- 9.6	24.77	25.77	32993	sys def
Q3	0.00	0.0	0.0- 0.0	24.77		0	sys def

$0 X^2 + 1.1777 X + 0$
Rel. Std. Dev. = 5.59906%

Compound: Indeno(1,2,3-cd)pyrene
Ret Time: 28.64
Concentration: 20.03 ng/ul
Pk # and Type: 92 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	276.00	100.0%		28.64	27.64	536858	sys def
Q1	138.00	13.2	10.5- 15.7	28.64	to	71067	sys def
Q2	277.00	24.6	18.6- 28.0	28.64	29.64	131827	sys def
Q3	0.00	0.0	0.0- 0.0	28.64		0	sys def

$0 X^2 + 1.4053 X + 0$
Rel. Std. Dev. = 3.47503%

SVOA CALIBRATION

File : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\BG042506.D
Operator : HP/JU
Acquired : 27 Aug 2019 10:58 using AcqMethod BNA_G
Sample Name: SSTDCCC020
Misc Info :
Vial Number: 2
QuantFile : SOM-EPA-BG081619MA.RES

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Compound: Dibenzo(a,h)anthracene
Ret Time: 28.69
Concentration: 19.98 ng/ul
Pk # and Type: 93 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	278.00	100.0%		28.69	27.71	442002	sys def
Q1	139.00	10.8	8.7- 13.1	28.69	to	47644	sys def
Q2	279.00	24.6	19.5- 29.3	28.69	29.71	108640	sys def
Q3	0.00	0.0	0.0- 0.0	28.69		0	sys def

$0 X^2 + 1.15987 X + 0$
Rel. Std. Dev. = 3.6041%

Compound: Benzo(g,h,i)perylene
Ret Time: 29.79
Concentration: 19.94 ng/ul
Pk # and Type: 94 RTEINT used

	Signal	Ratios	Limits	RT	Limits	Resp	Integ Type
Tgt	276.00	100.0%		29.79	28.81	449878	sys def
Q1	138.00	14.5	11.4- 17.0	29.79	to	65149	sys def
Q2	277.00	23.3	19.0- 28.6	29.79	30.81	104812	sys def
Q3	0.00	0.0	0.0- 0.0	29.79		0	sys def

$0 X^2 + 1.18275 X + 0$
Rel. Std. Dev. = 3.1626%