Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM

Quant Time: Jul 13 09:34:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	28663	20.000	ng/ul	#-0.01
20) Naphthalene-d8	10.887	136	118724	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.712	164	87138	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	199072	20.000	ng/ul	0.00
79) Chrysene-d12	21.745	240	197112	20.000	ng/ul	0.00
88) Perylene-d12	25.030	264	203652	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.461	96	5192	8.521	ng/uL	0.00
4) Pyridine-d5	3.884	84	35473	19.798	ng/ul	0.00
7) Phenol-d5	7.221	99	53697	21.537	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.386	67	30811	21.307	ng/ul	0.00
11) 2-Chlorophenol-d4	7.597	132	43064	23.370	ng/ul	0.00
15) 4-Methylphenol-d8	8.772	113	43233	21.642	ng/ul	0.00
21) Nitrobenzene-d5	9.236	128	20780	22.809	ng/ul	0.00
24) 2-Nitrophenol-d4	9.959	143	23005	21.997	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.506	165	49643	24.327	ng/ul	0.00
31) 4-Chloroaniline-d4	11.017	131	54547	20.511	ng/ul	0.00
46) Dimethylphthalate-d6	14.113	166	149370	22.289	ng/ul	0.00
49) Acenaphthylene-d8	14.407	160	170792	21.721	ng/ul	0.00
54) 4-Nitrophenol-d4	14.906	143	21998	19.832	ng/ul	0.00
60) Fluorene-d10	15.705	176	125469	22.114	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.817	200	20843	16.472	ng/ul	0.00
73) Anthracene-d10	17.562	188	201983m	22.285	ng/ul	0.00
81) Pyrene-d10	19.848	212	242404	23.994	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.806	264	238248	22.505	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.496	88	7187m	9.685	ng/uL	
5) Pyridine	3.902	79	38654	19.447	ng/ul	87
6) Benzaldehyde	7.198	77	36898m	24.600	ng/ul	
8) Phenol	7.251	94	55046	22.076	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.480	93	40226	21.697	ng/ul#	80
12) 2-Chlorophenol	7.627	128	41440	22.280	ng/ul	97
13) 2-Methylphenol	8.508	108	42511	22.382	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.596	45	66576	22.326	ng/ul#	97
16) Acetophenone	8.890	105	72411	22.097	ng/ul	88
17) N-Nitroso-di-n-propyla...	8.872	70	37468	22.503	ng/ul	93
18) 4-Methylphenol	8.837	108	44749	22.647	ng/ul	98
19) Hexachloroethane	9.154	117	18487	21.952	ng/ul#	80
22) Nitrobenzene	9.278	77	60584	23.581	ng/ul	97
23) Isophorone	9.800	82	102437	23.081	ng/ul	99
25) 2-Nitrophenol	9.994	139	23612	22.130	ng/ul	92
26) 2,4-Dimethylphenol	10.047	107	54624	23.121	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.282	93	54080	22.855	ng/ul#	91
29) 2,4-Dichlorophenol	10.529	162	44316	23.767	ng/ul	91
30) Naphthalene	10.940	128	135239	22.847	ng/ul	96
32) 4-Chloroaniline	11.040	127	53985	20.590	ng/ul	94
33) Hexachlorobutadiene	11.222	225	36409	23.026	ng/ul	97
34) Caprolactam	11.810	113	13808m	21.287	ng/ul	
35) 4-Chloro-3-methylphenol	12.162	107	52188	25.056	ng/ul	90
36) 2-Methylnaphthalene	12.544	142	104240	23.178	ng/ul	92

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 13 09:34:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.762	142	103403	23.120	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.909	216	62403	22.800	ng/ul#	97
40) Hexachlorocyclopentadiene	12.885	237	37244	20.490	ng/ul	95
41) 2,4,6-Trichlorophenol	13.144	196	40837	23.067	ng/ul	90
42) 2,4,5-Trichlorophenol	13.220	196	43345	23.019	ng/ul	89
43) 1,1'-Biphenyl	13.543	154	135388	22.997	ng/ul	100
44) 2-Chloronaphthalene	13.590	162	103210	22.376	ng/ul	98
45) 2-Nitroaniline	13.790	65	39404	23.301	ng/ul	91
47) Dimethylphthalate	14.160	163	138337	22.240	ng/ul#	98
48) 2,6-Dinitrotoluene	14.278	165	29977	22.378	ng/ul	90
50) Acenaphthylene	14.436	152	157358	22.502	ng/ul	98
51) 3-Nitroaniline	14.613	138	27870	22.847	ng/ul#	90
52) Acenaphthene	14.777	153	113223	22.294	ng/ul	98
53) 2,4-Dinitrophenol	14.830	184	11718	13.803	ng/ul	94
55) 4-Nitrophenol	14.918	109	28880	20.625	ng/ul	92
56) Dibenzofuran	15.112	168	164806	22.898	ng/ul	95
57) 2,4-Dinitrotoluene	15.065	165	42290	21.877	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.335	232	35657	20.193	ng/ul#	80
59) Diethylphthalate	15.523	149	148200	22.165	ng/ul	100
61) Fluorene	15.758	166	135509	22.246	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.746	204	76174	22.747	ng/ul	98
63) 4-Nitroaniline	15.776	138	29467	24.607	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.835	198	21428	17.796	ng/ul#	95
67) N-Nitrosodiphenylamine	15.964	169	118013	23.284	ng/ul	100
68) 4-Bromophenyl-phenylether	16.645	248	51300	23.104	ng/ul	96
69) Hexachlorobenzene	16.769	284	57215	22.753	ng/ul	97
70) Atrazine	16.910	200	49601	21.383	ng/ul	98
71) Pentachlorophenol	17.115	266	23746m	15.822	ng/ul	
72) Phenanthrene	17.503	178	221392	22.801	ng/ul	98
74) Anthracene	17.597	178	223194	22.502	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.514	216	63455	23.365	ng/uL	98
76) Pentachlorobenzene	15.030	250	67699	23.498	ng/uL	97
77) Carbazole	17.862	167	195437	22.088	ng/ul	98
78) Di-n-butylphthalate	18.414	149	242431	21.898	ng/ul	99
80) Fluoranthene	19.513	202	277228	23.595	ng/ul	99
82) Pyrene	19.877	202	274329	23.433	ng/ul	97
83) Butylbenzylphthalate	20.752	149	103547	22.529	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.634	252	104801	22.756	ng/ul	100
85) Benzo(a)anthracene	21.722	228	270874	22.362	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.622	149	151237	22.560	ng/ul	99
87) Chrysene	21.792	228	257591	22.481	ng/ul	98
89) Di-n-octyl phthalate	22.856	149	255770	22.312	ng/ul	100
90) Benzo(b)fluoranthene	23.984	252	290697	23.138	ng/ul#	98
91) Benzo(k)fluoranthene	24.054	252	274510	22.409	ng/ul	97
93) Benzo(a)pyrene	24.877	252	249216	22.541	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.784	276	325625	22.826	ng/ul	98
95) Dibenzo(a,h)anthracene	28.855	278	268651	22.737	ng/ul	98
96) Benzo(g,h,i)perylene	29.971	276	268449	22.761	ng/ul#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

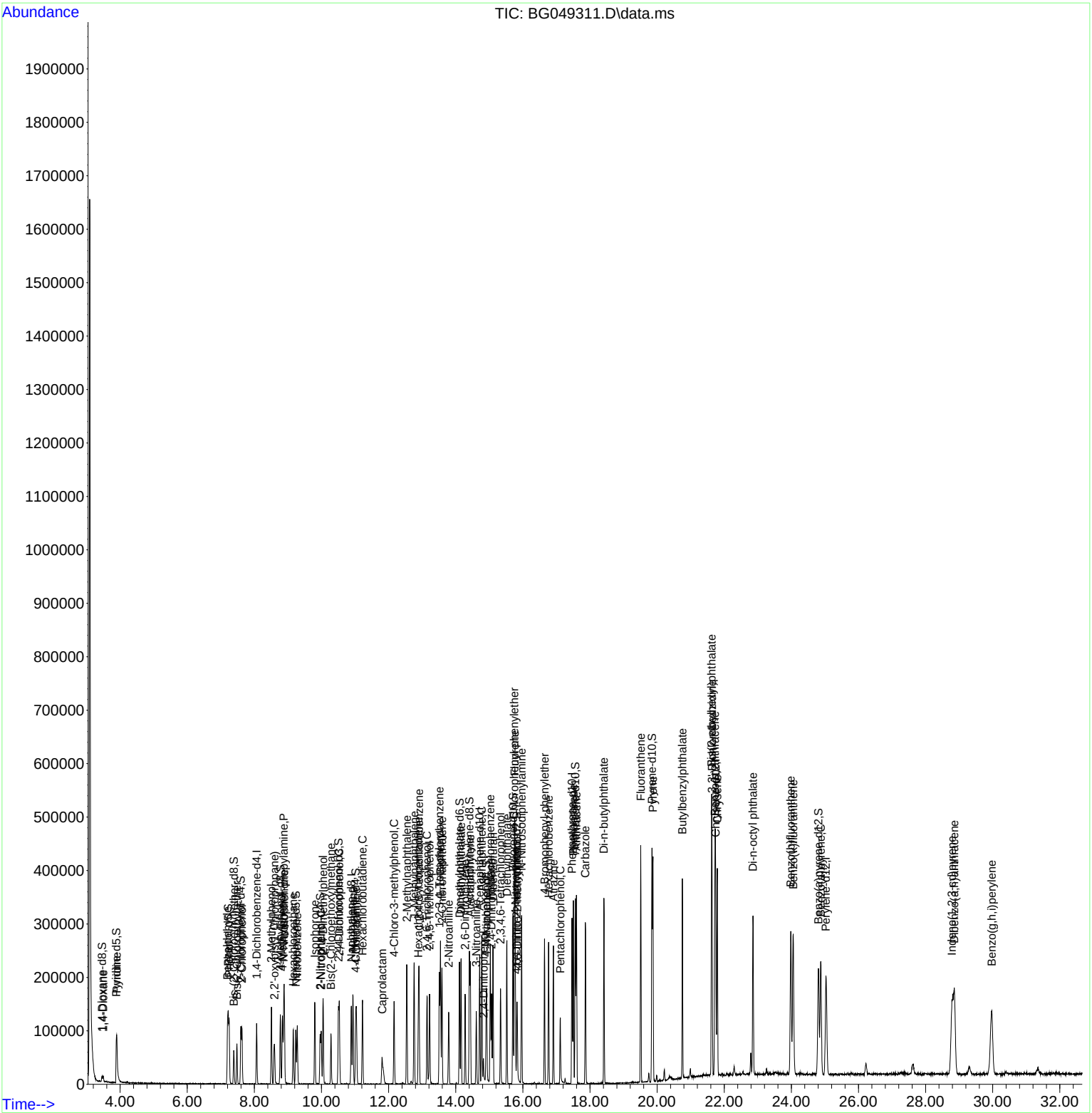
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 13 09:34:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM



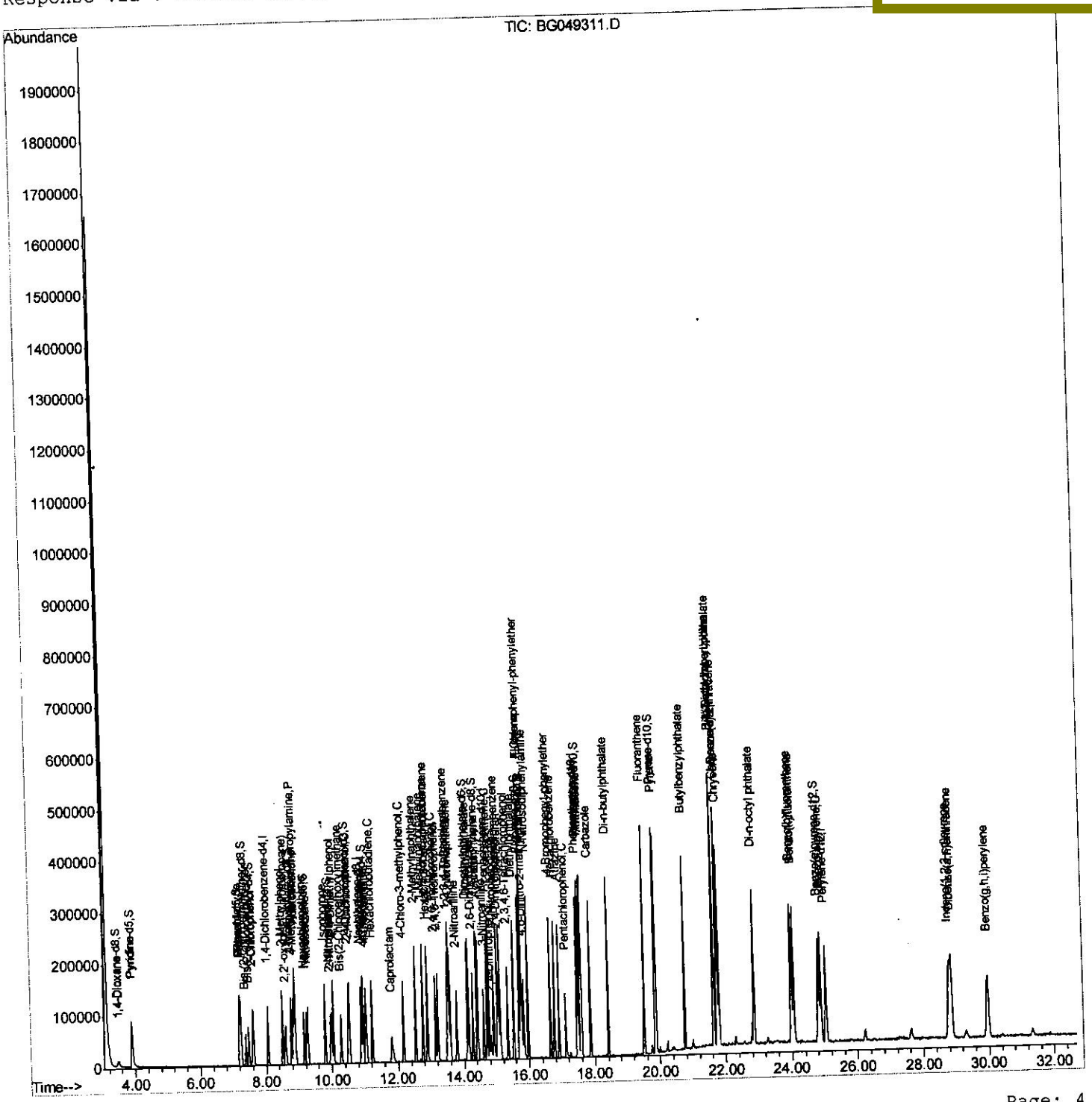
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM

Quant Time: Jul 13 09:40:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration



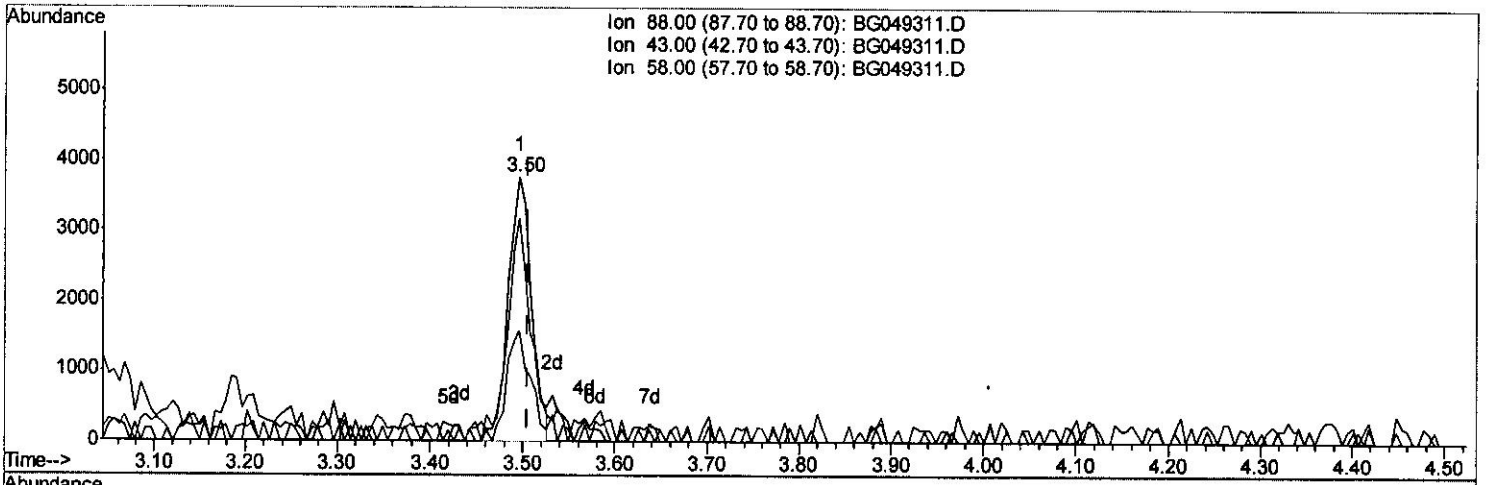
Quantitation Report (Qedit)

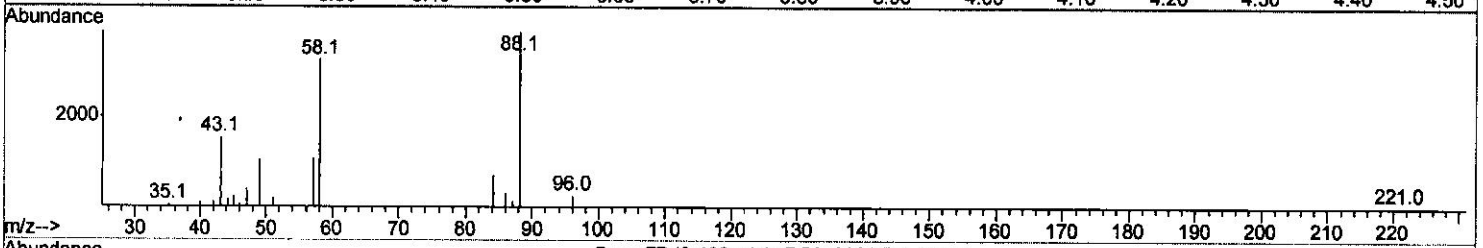
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

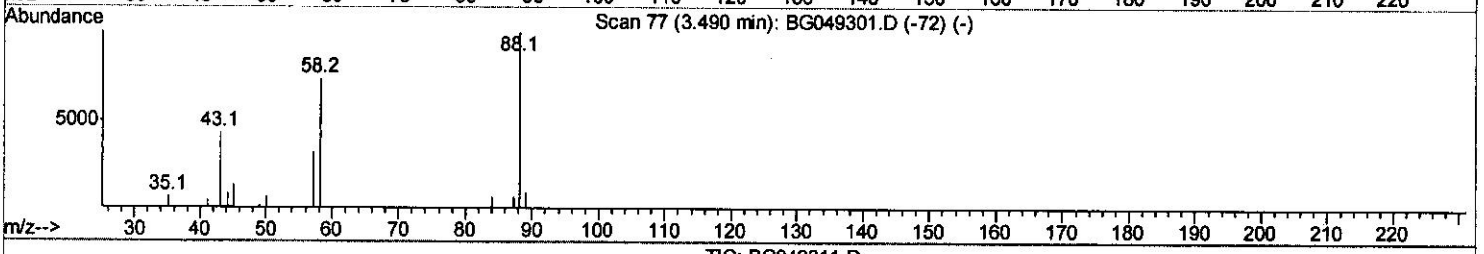
Quant Time: Jul 13 09:33:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM







TIC: BG049311.D

(2) 1,4-Dioxane

3.496min (-0.009) 8.87ng/uL

response 6579

Ion	Exp%	Act%
88.00	100	100
43.00	40.60	41.63
58.00	90.90	84.60
0.00	0.00	0.00

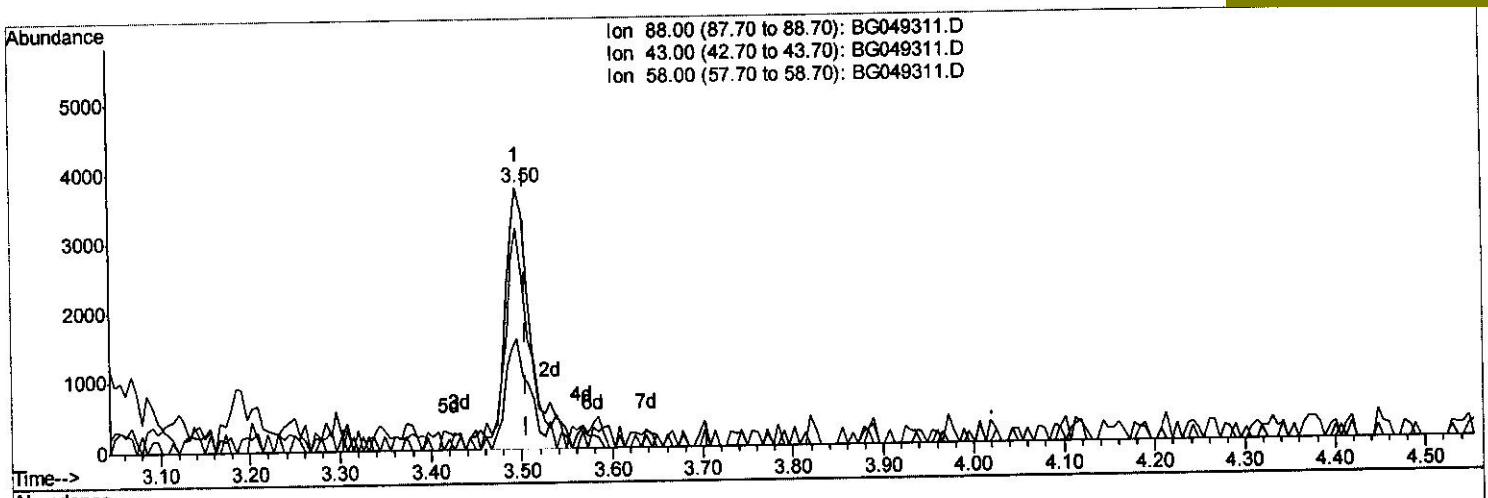
Quantitation Report (Qedit)

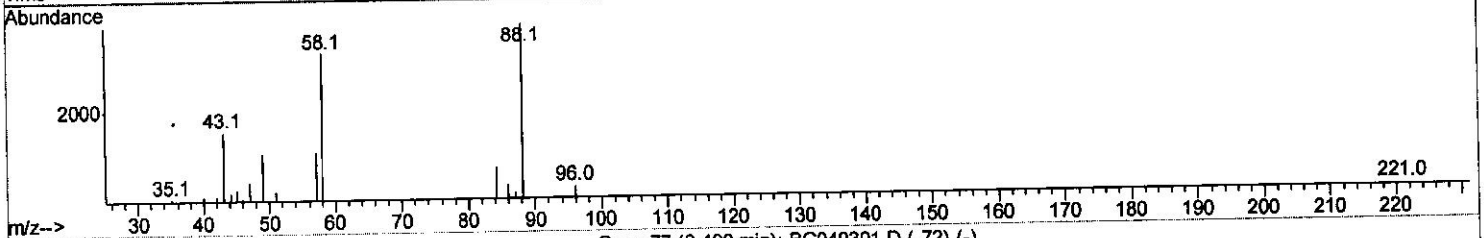
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 13 09:33:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

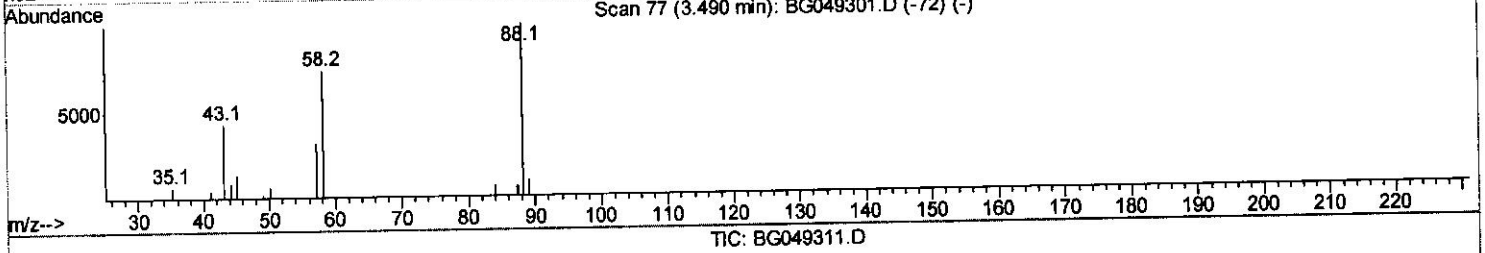
Instrument :
BNA_G
ClientSampleId :
SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM





Scan 77 (3.490 min): BG049301.D (-72) (-)



TIC: BG049311.D

(2) 1,4-Dioxane

3.496min (-0.009) 9.68ng/uL m } VV 7-20-21

response 7187

Ion	Exp%	Act%
88.00	100	100
43.00	40.60	41.63
58.00	90.90	84.60
0.00	0.00	0.00

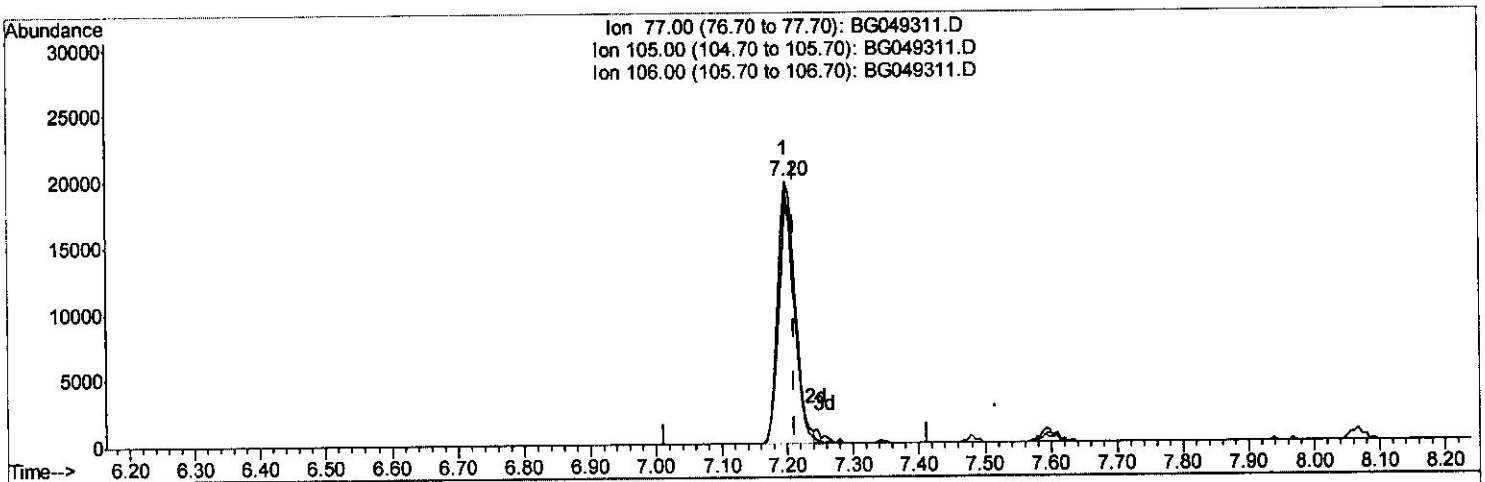
Quantitation Report (Qedit)

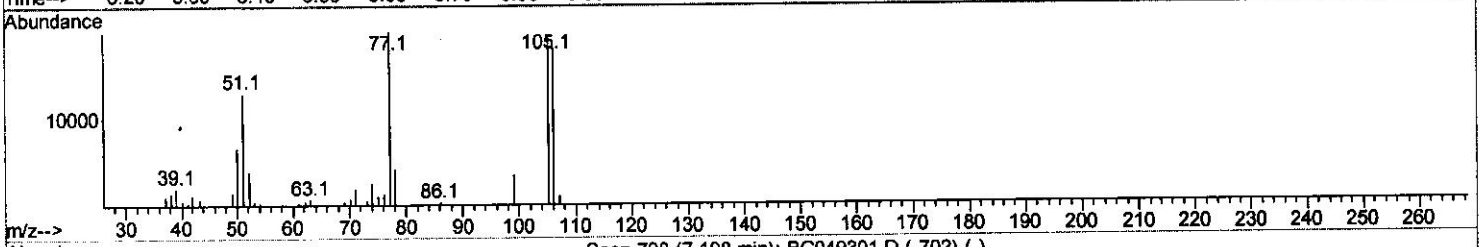
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

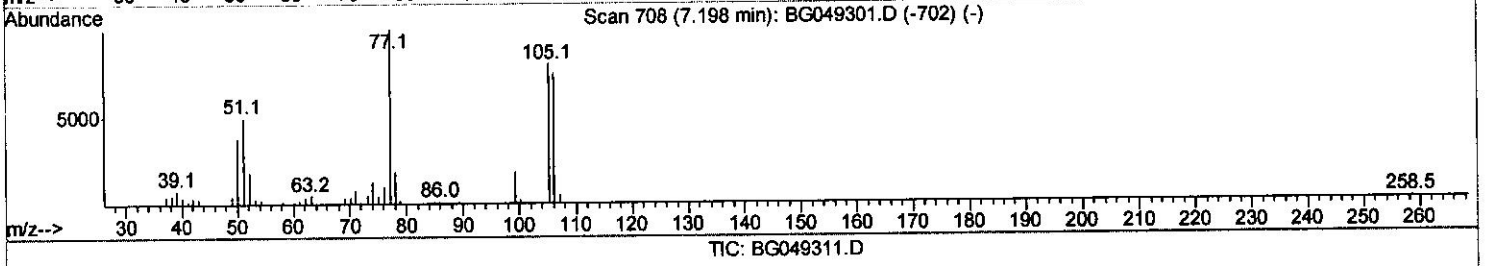
Quant Time: Jul 13 09:36:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM







TIC: BG049311.D

(6) Benzaldehyde

7.198min (-0.015) 23.99ng/ul

response 35977

Ion	Exp%	Act%
77.00	100	100
105.00	90.80	97.37
106.00	90.40	91.10
0.00	0.00	0.00

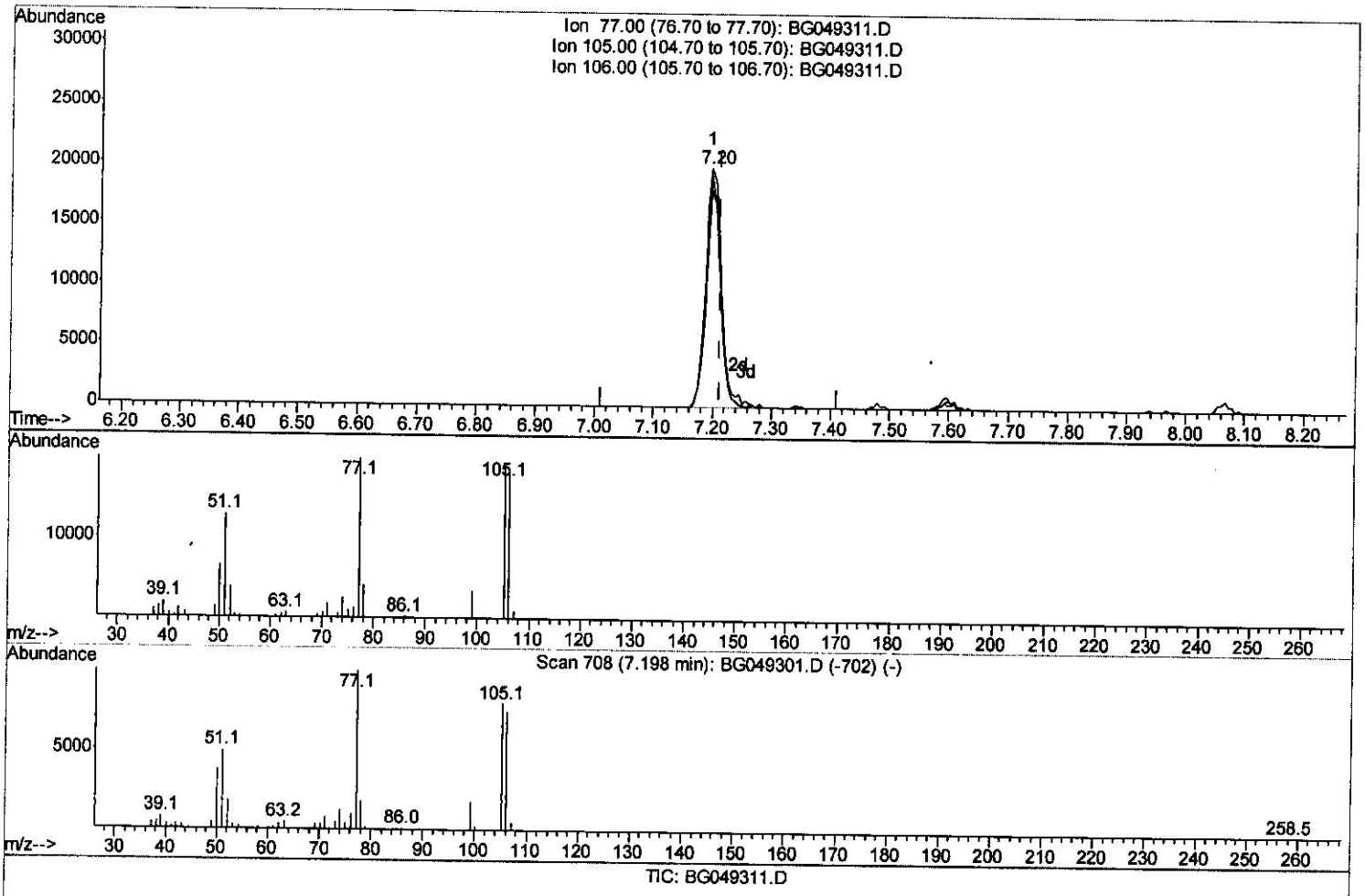
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 13 09:36:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM



TIC: BG049311.D

(6) Benzaldehyde

7.198min (-0.015) 24.60ng/ul m } VV 7-20-21

response 36898

Ion	Exp%	Act%
77.00	100	100
105.00	90.80	97.37
106.00	90.40	91.10
0.00	0.00	0.00

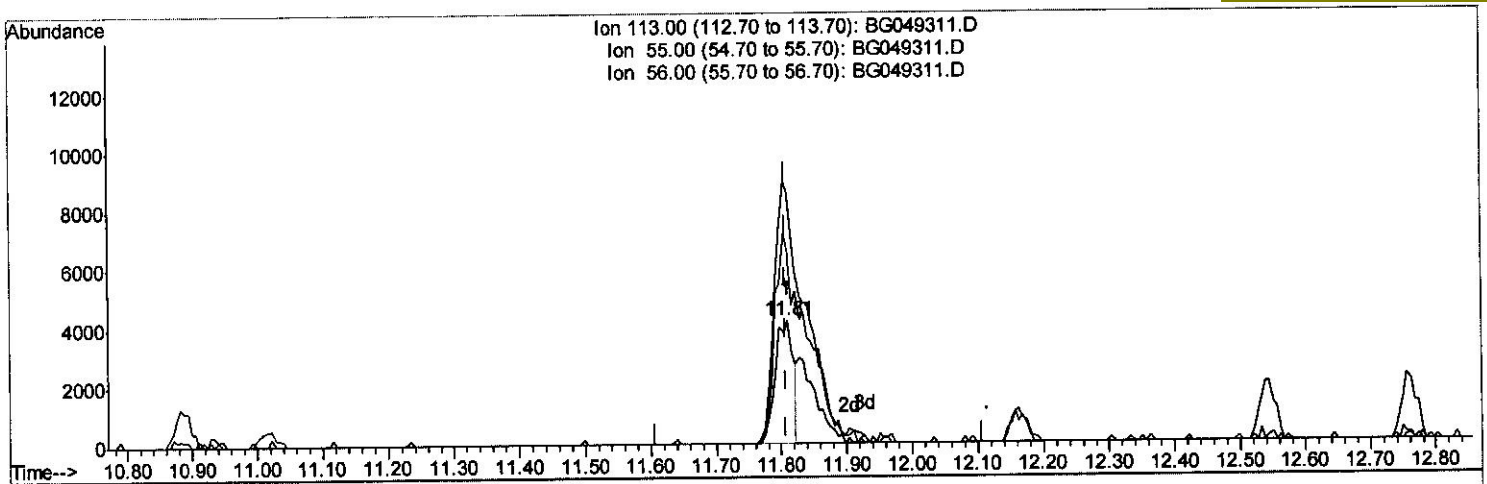
Quantitation Report (Qedit)

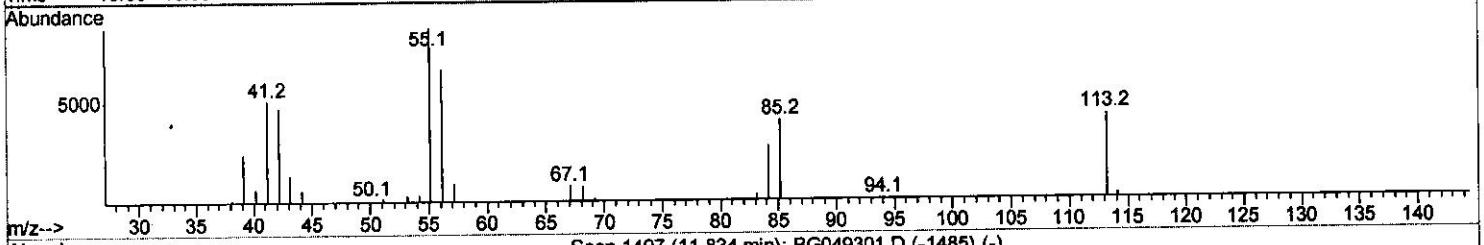
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

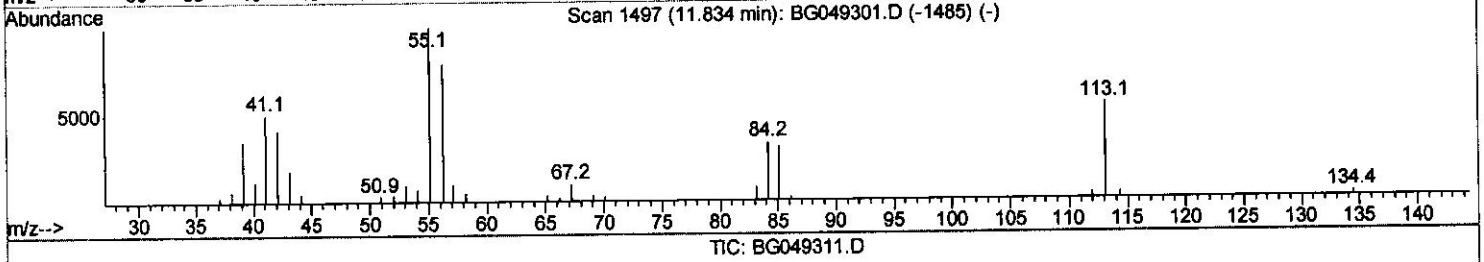
Quant Time: Jul 13 09:38:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM







TIC: BG049311.D

(34) Caprolactam

11.810min (+0.003) 12.49ng/ul

response 8099

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	204.00
56.00	171.90	156.47
0.00	0.00	0.00

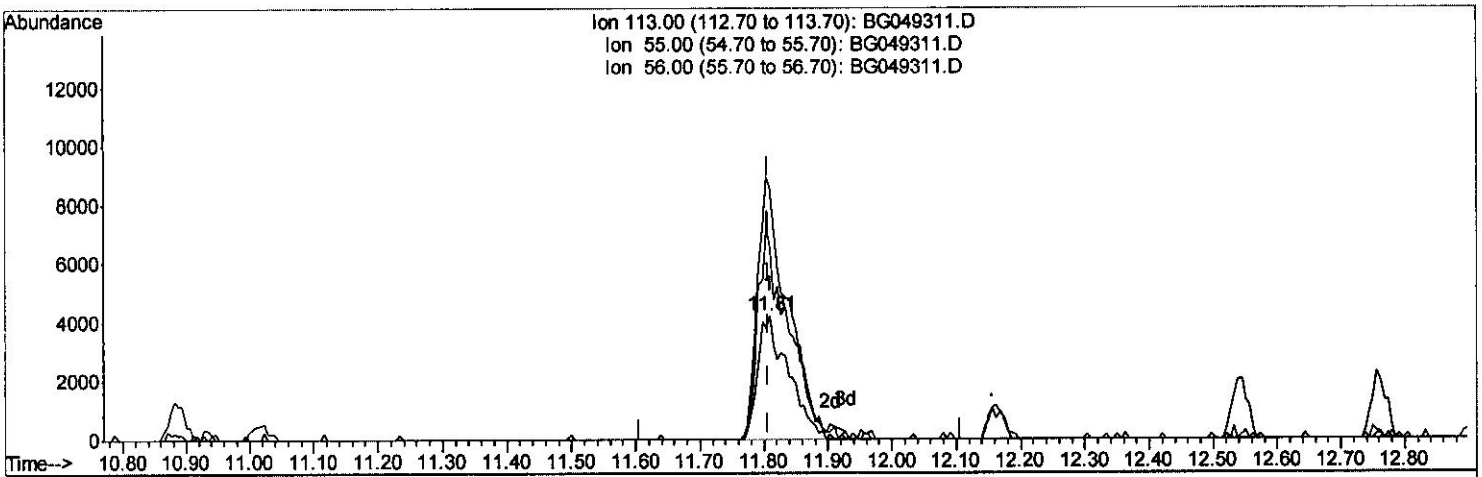
Quantitation Report (Qedit)

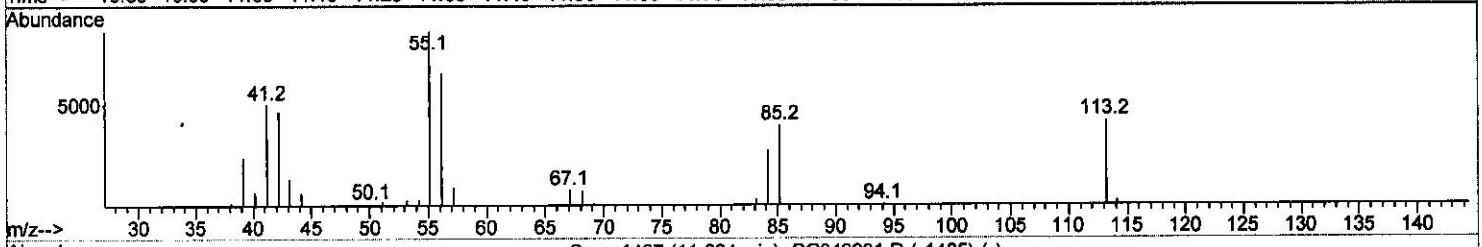
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

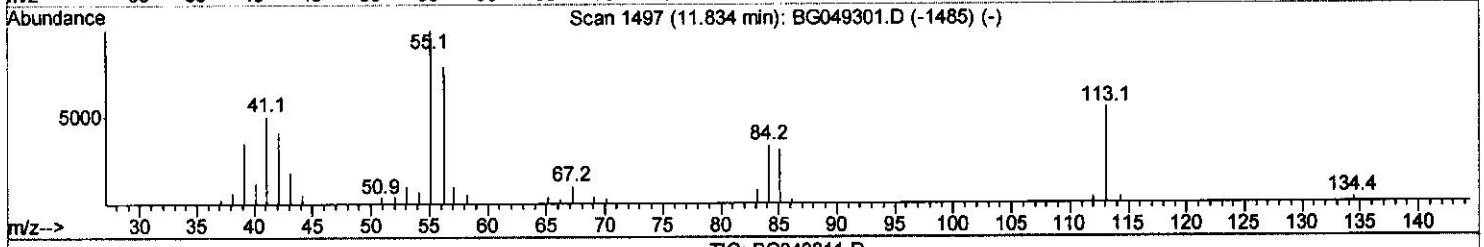
Quant Time: Jul 13 09:38:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM







TIC: BG049311.D

(34) Caprolactam

11.810min (+0.003) 21.29ng/ul m } VV 7.20.21

response 13808

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	204.00
56.00	171.90	156.47
0.00	0.00	0.00

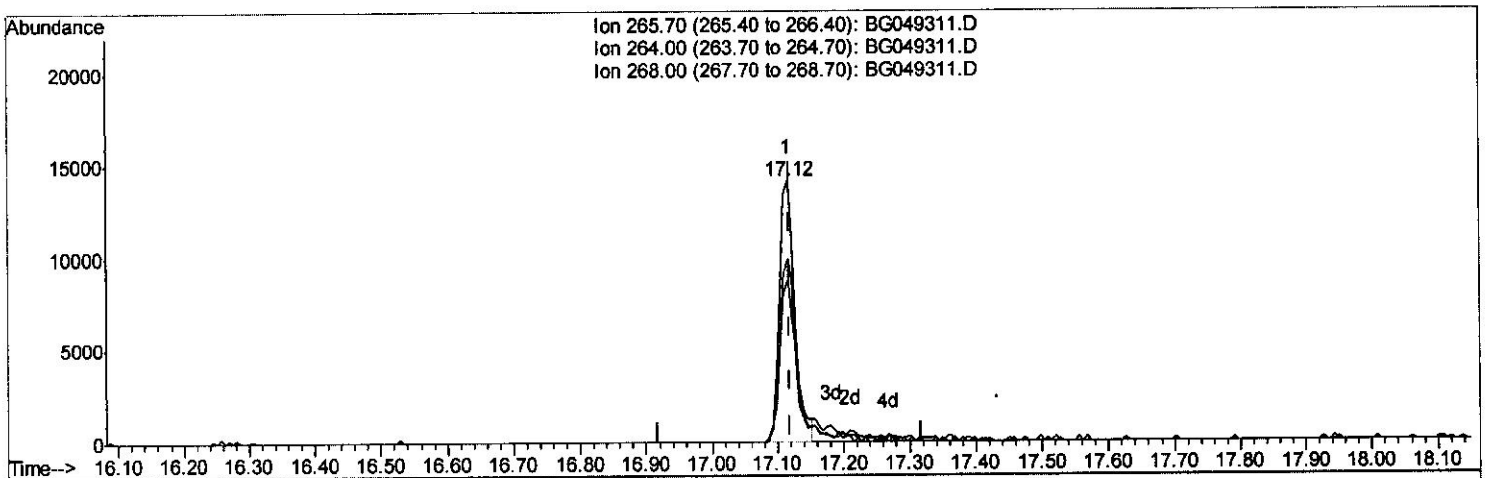
Quantitation Report (Qedit)

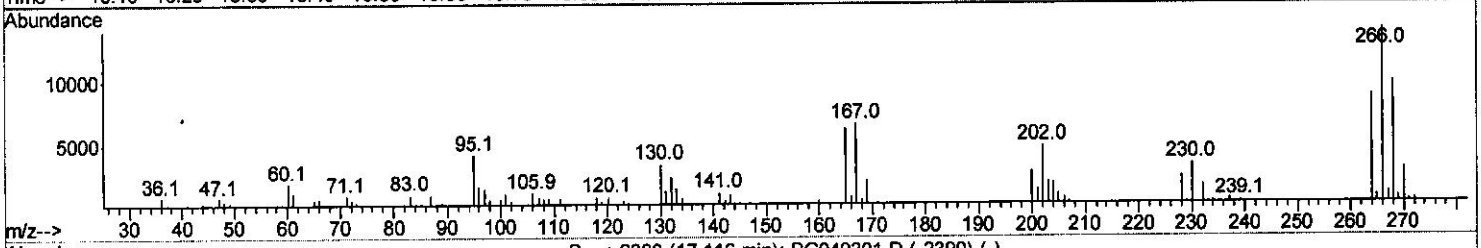
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

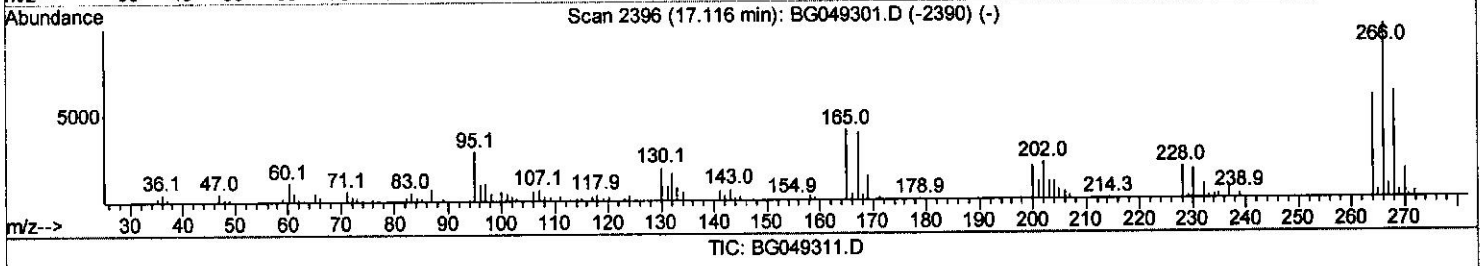
Quant Time: Jul 13 09:38:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM







TIC: BG049311.D

(71) Pentachlorophenol (C)

17.115min (-0.003) 15.21ng/ul

response 22831

Ion	Exp%	Act%
265.70	100	100
264.00	62.60	61.77
268.00	61.90	69.83
0.00	0.00	0.00

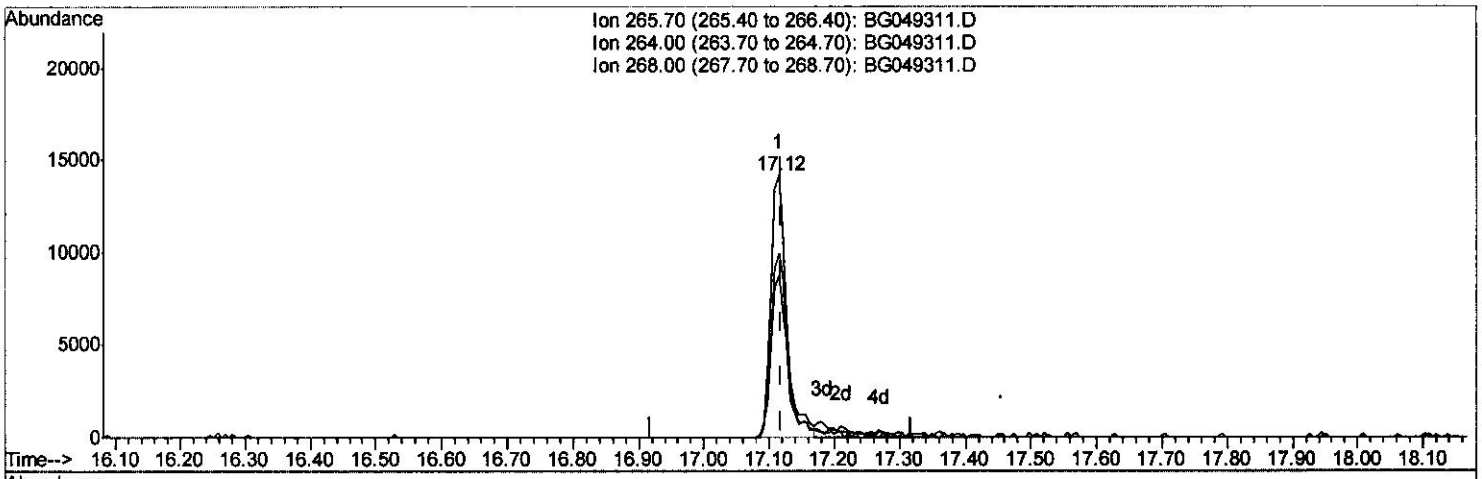
Quantitation Report (Qedit)

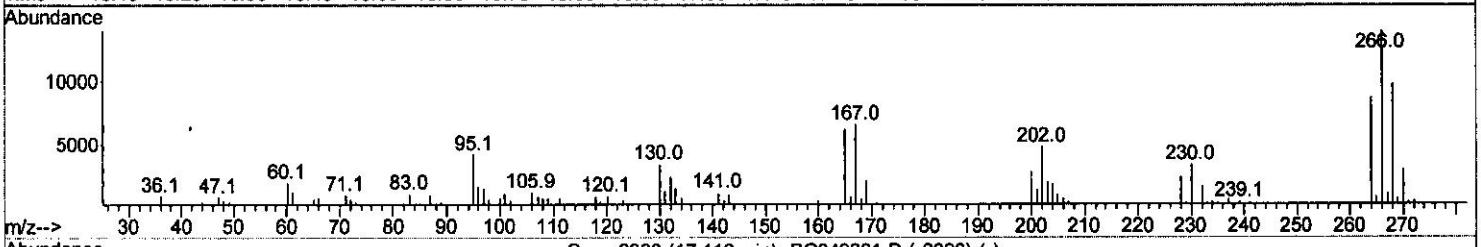
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

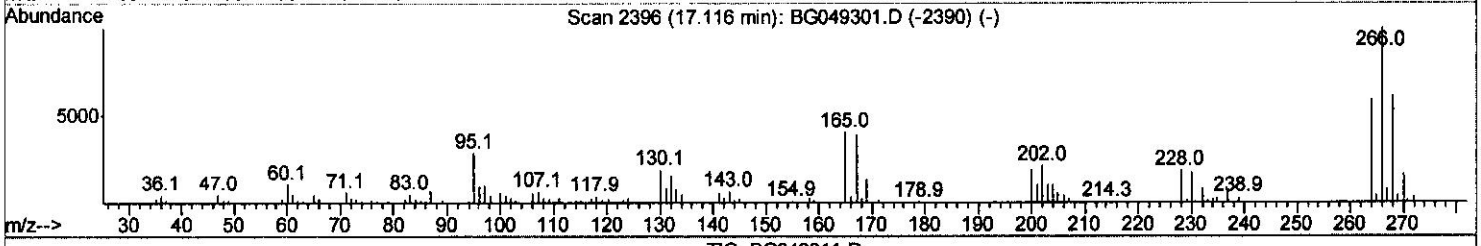
Quant Time: Jul 13 09:38:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM







TIC: BG049311.D

(71) Pentachlorophenol (C)

17.115min (-0.003) 15.82ng/ul m JVL 7-20-21

response 23746

Ion	Exp%	Act%
265.70	100	100
264.00	62.60	61.77
268.00	61.90	69.83
0.00	0.00	0.00

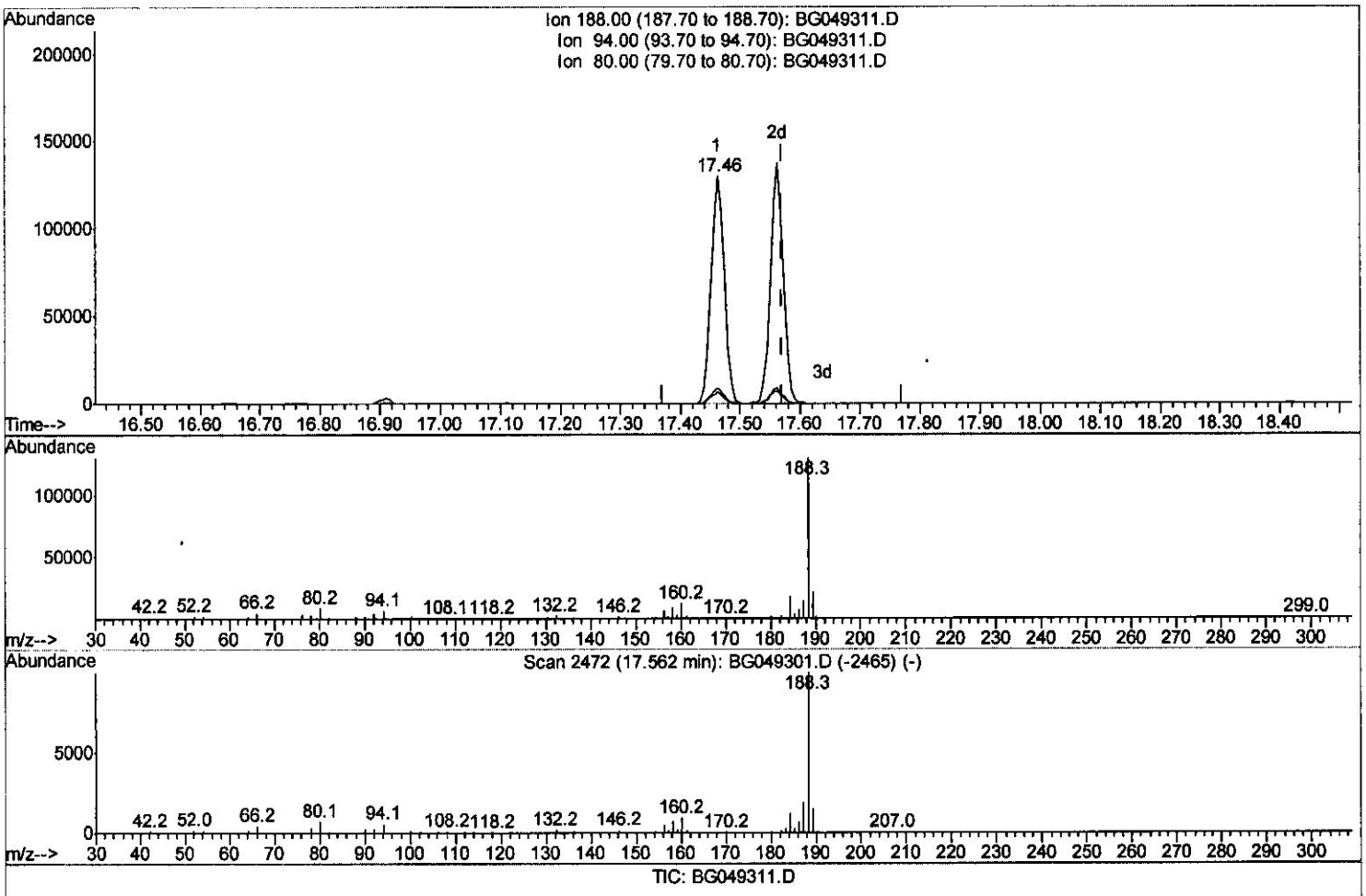
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 13 09:39:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM



TIC: BG049311.D

(73) Anthracene-d10 (S)

17.462min (-0.109) 21.96ng/ul

response 199072

Ion	Exp%	Act%
188.00	100	100
94.00	6.10	5.18
80.00	6.30	6.70
0.00	0.00	0.00

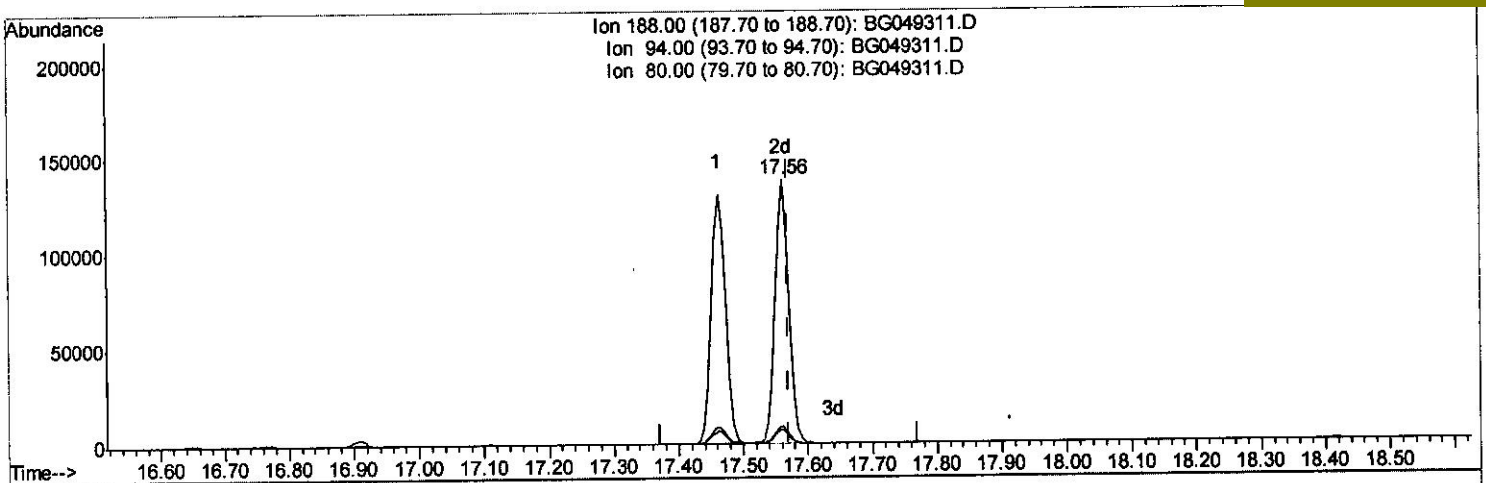
Quantitation Report (Qedit)

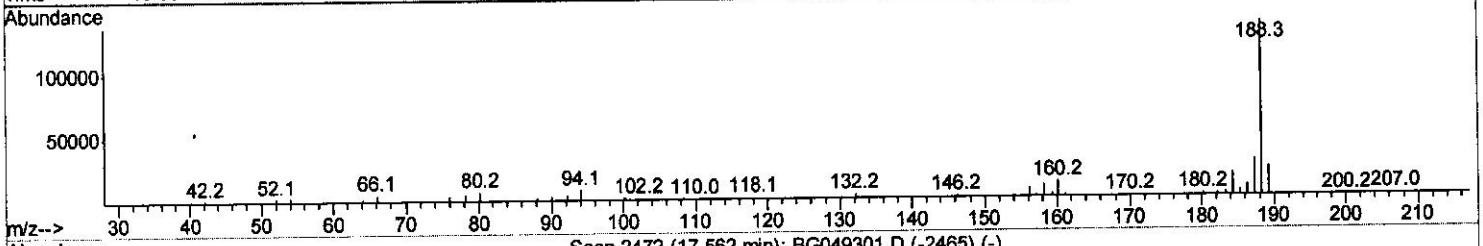
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

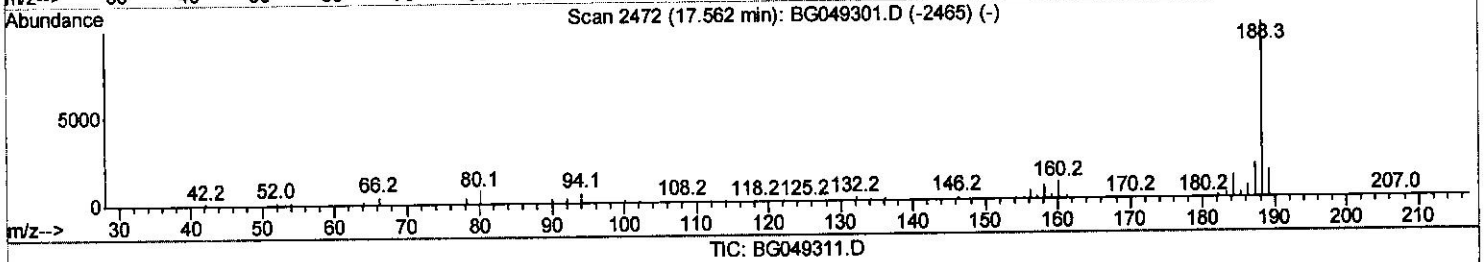
Quant Time: Jul 13 09:39:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM







TIC: BG049311.D

(73) Anthracene-d10 (S)

17.562min (-0.009) 22.29ng/ul m } VV 7-20-21

response 201983

Ion	Exp%	Act%
188.00	100	100
94.00	6.10	6.19
80.00	6.30	4.98#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM

Quant Time: Jul 13 09:40:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	28663	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.89	136	118724	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.71	164	87138	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.46	188	199072	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	197112	20.00	ng/ul	0.00
88) Perylene-d12	25.03	264	203652	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	5192	8.52	ng/uL	0.00
4) Pyridine-d5	3.88	84	35473	19.80	ng/ul	0.00
7) Phenol-d5	7.22	99	53697	21.54	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	30811	21.31	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	43064	23.37	ng/ul	0.00
15) 4-Methylphenol-d8	8.77	113	43233	21.64	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	20780	22.81	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	23005	22.00	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.51	165	49643	24.33	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	54547	20.51	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	149370	22.29	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	170792	21.72	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	21998	19.83	ng/ul	0.00
60) Fluorene-d10	15.71	176	125469	22.11	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	20843	16.47	ng/ul	0.00 VU 7-2021
73) Anthracene-d10	17.56	188	201983m	22.29	ng/ul	0.00
81) Pyrene-d10	19.85	212	242404	23.99	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	238248	22.50	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	7187m	9.685	ng/uL	
5) Pyridine	3.90	79	38654	19.447	ng/ul	87 VU 7-2021
6) Benzaldehyde	7.20	77	36898m	24.600	ng/ul	
8) Phenol	7.25	94	55046	22.076	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.48	93	40226	21.697	ng/ul#	80
12) 2-Chlorophenol	7.63	128	41440	22.280	ng/ul	97
13) 2-Methylphenol	8.51	108	42511	22.382	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.60	45	66576	22.326	ng/ul#	97
16) Acetophenone	8.89	105	72411	22.097	ng/ul	88
17) N-Nitroso-di-n-propylamine	8.87	70	37468	22.503	ng/ul	93
18) 4-Methylphenol	8.84	108	44749	22.647	ng/ul	98
19) Hexachloroethane	9.15	117	18487	21.952	ng/ul#	80
22) Nitrobenzene	9.28	77	60584	23.581	ng/ul	97
23) Isophorone	9.80	82	102437	23.081	ng/ul	99
25) 2-Nitrophenol	9.99	139	23612	22.130	ng/ul	92
26) 2,4-Dimethylphenol	10.05	107	54624	23.121	ng/ul	91
27) Bis(2-Chloroethoxy)methane	10.28	93	54080	22.855	ng/ul#	91
29) 2,4-Dichlorophenol	10.53	162	44316	23.767	ng/ul	91
30) Naphthalene	10.94	128	135239	22.847	ng/ul	96
32) 4-Chloroaniline	11.04	127	53985	20.590	ng/ul	94 VU 7-20-21
33) Hexachlorobutadiene	11.22	225	36409	23.026	ng/ul	97
34) Caprolactam	11.81	113	13808m	21.287	ng/ul	

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM

Quant Time: Jul 13 09:40:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.16	107	52188	25.056 ng/ul	90
36) 2-Methylnaphthalene	12.54	142	104240	23.178 ng/ul	92
37) 1-Methylnaphthalene	12.76	142	103403	23.120 ng/ul	95
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	62403	22.800 ng/ul#	97
40) Hexachlorocyclopentadiene	12.89	237	37244	20.490 ng/ul	95
41) 2,4,6-Trichlorophenol	13.14	196	40837	23.067 ng/ul	90
42) 2,4,5-Trichlorophenol	13.22	196	43345	23.019 ng/ul	89
43) 1,1'-Biphenyl	13.54	154	135388	22.997 ng/ul	100
44) 2-Chloronaphthalene	13.59	162	103210	22.376 ng/ul	98
45) 2-Nitroaniline	13.79	65	39404	23.301 ng/ul	91
47) Dimethylphthalate	14.16	163	138337	22.240 ng/ul#	98
48) 2,6-Dinitrotoluene	14.28	165	29977	22.378 ng/ul	90
50) Acenaphthylene	14.44	152	157358	22.502 ng/ul	98
51) 3-Nitroaniline	14.61	138	27870	22.847 ng/ul#	90
52) Acenaphthene	14.78	153	113223	22.294 ng/ul	98
53) 2,4-Dinitrophenol	14.83	184	11718	13.803 ng/ul	94
55) 4-Nitrophenol	14.92	109	28880	20.625 ng/ul	92
56) Dibenzofuran	15.11	168	164806	22.898 ng/ul	95
57) 2,4-Dinitrotoluene	15.06	165	42290	21.877 ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.34	232	35657	20.193 ng/ul#	80
59) Diethylphthalate	15.52	149	148200	22.165 ng/ul	100
61) Fluorene	15.76	166	135509	22.246 ng/ul	91
62) 4-Chlorophenyl-phenylether	15.75	204	76174	22.747 ng/ul	98
63) 4-Nitroaniline	15.78	138	29467	24.607 ng/ul	89
66) 4,6-Dinitro-2-methylphenol	15.83	198	21428	17.796 ng/ul#	95
67) N-Nitrosodiphenylamine	15.96	169	118013	23.284 ng/ul	100
68) 4-Bromophenyl-phenylether	16.65	248	51300	23.104 ng/ul	96
69) Hexachlorobenzene	16.77	284	57215	22.753 ng/ul	97
70) Atrazine	16.91	200	49601	21.383 ng/ul	98
71) Pentachlorophenol	17.12	266	23746m	15.822 ng/ul	
72) Phenanthrene	17.50	178	221392	22.801 ng/ul	98
74) Anthracene	17.60	178	223194	22.502 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.51	216	63455	23.365 ng/uL	98
76) Pentachlorobenzene	15.03	250	67699	23.498 ng/uL	97
77) Carbazole	17.86	167	195437	22.088 ng/ul	98
78) Di-n-butylphthalate	18.41	149	242431	21.898 ng/ul	99
80) Fluoranthene	19.51	202	277228	23.595 ng/ul	99
82) Pyrene	19.88	202	274329	23.433 ng/ul	97
83) Butylbenzylphthalate	20.75	149	103547	22.529 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.63	252	104801	22.756 ng/ul	100
85) Benzo(a)anthracene	21.72	228	270874	22.362 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.62	149	151237	22.560 ng/ul	99
87) Chrysene	21.79	228	257591	22.481 ng/ul	98
89) Di-n-octyl phthalate	22.86	149	255770	22.312 ng/ul	100
90) Benzo(b)fluoranthene	23.98	252	290697	23.138 ng/ul#	98
91) Benzo(k)fluoranthene	24.05	252	274510	22.409 ng/ul	97
93) Benzo(a)pyrene	24.88	252	249216	22.541 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.78	276	325625	22.826 ng/ul	98
95) Dibenzo(a,h)anthracene	28.85	278	268651	22.737 ng/ul	98
96) Benzo(g,h,i)perylene	29.97	276	268449	22.761 ng/ul#	94

VV 7-20-21

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049311.D
Acq On : 12 Jul 2021 23:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 13 09:40:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020209

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed