Data Path : Z:\HPCHEM1\BNA_M\Data\BM061217\

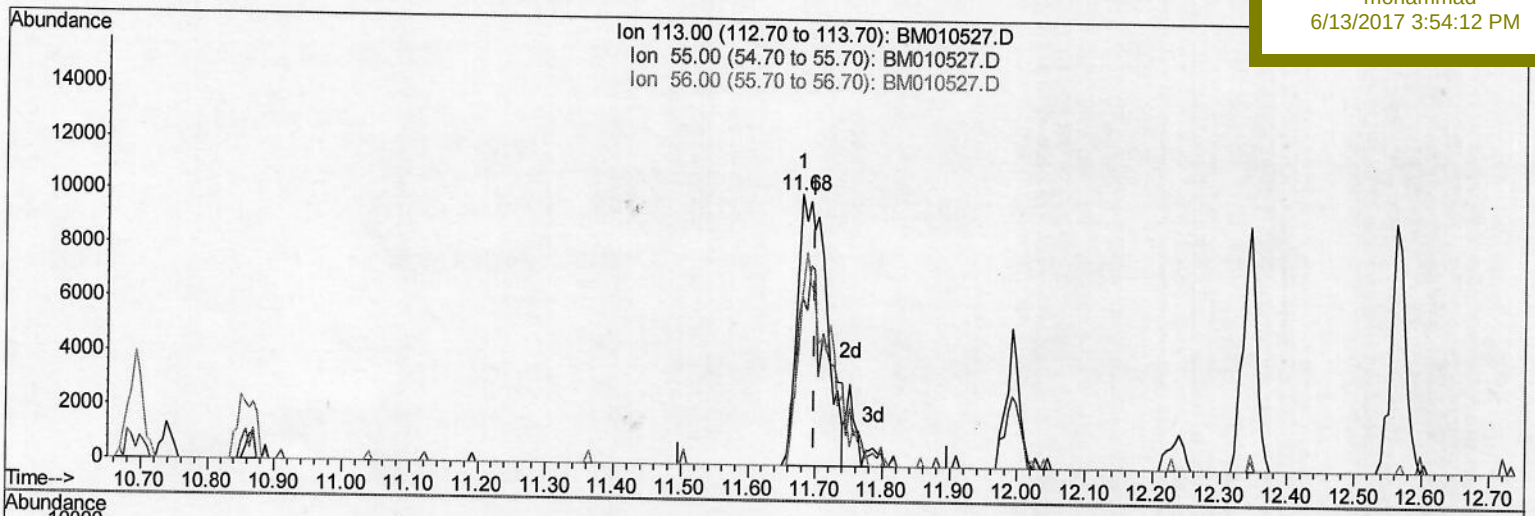
Quantitation Report (Qedit)

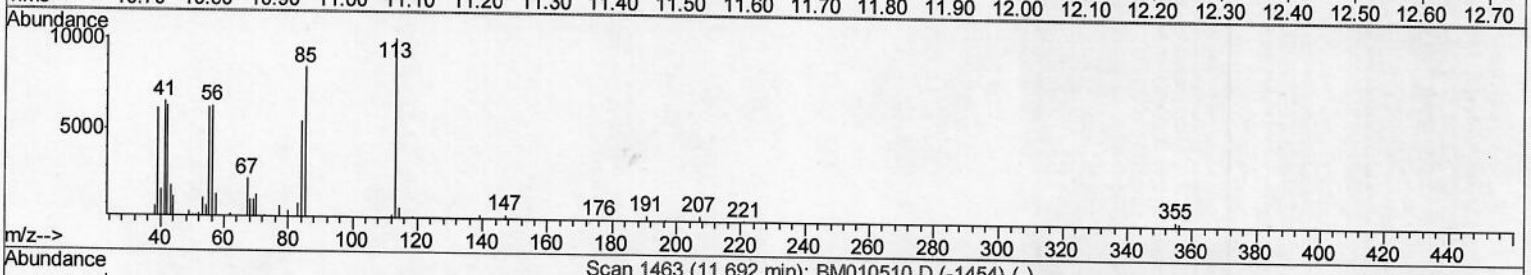
Data File : BM010527.D
Acq On : 12 Jun 2017 09:44
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

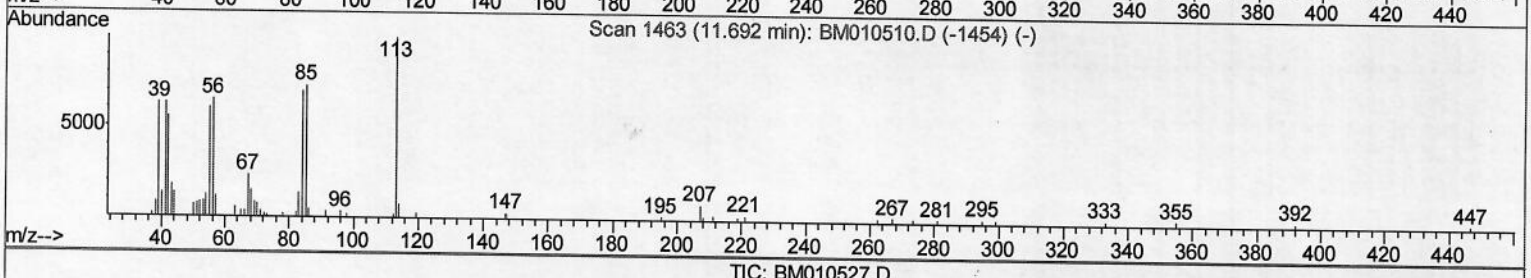
Quant Time: Jun 13 02:10:58 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 08 01:22:27 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02026

Manual Integrations APPROVED
mohammad
6/13/2017 3:54:12 PM







TIC: BM010527.D

(32) Caprolactam

11.680min (-0.018) 17.97ng/ul

response 29671

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	61.48#
56.00	107.50	62.22#
0.00	0.00	0.00

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BNA_M
LabSampleId :
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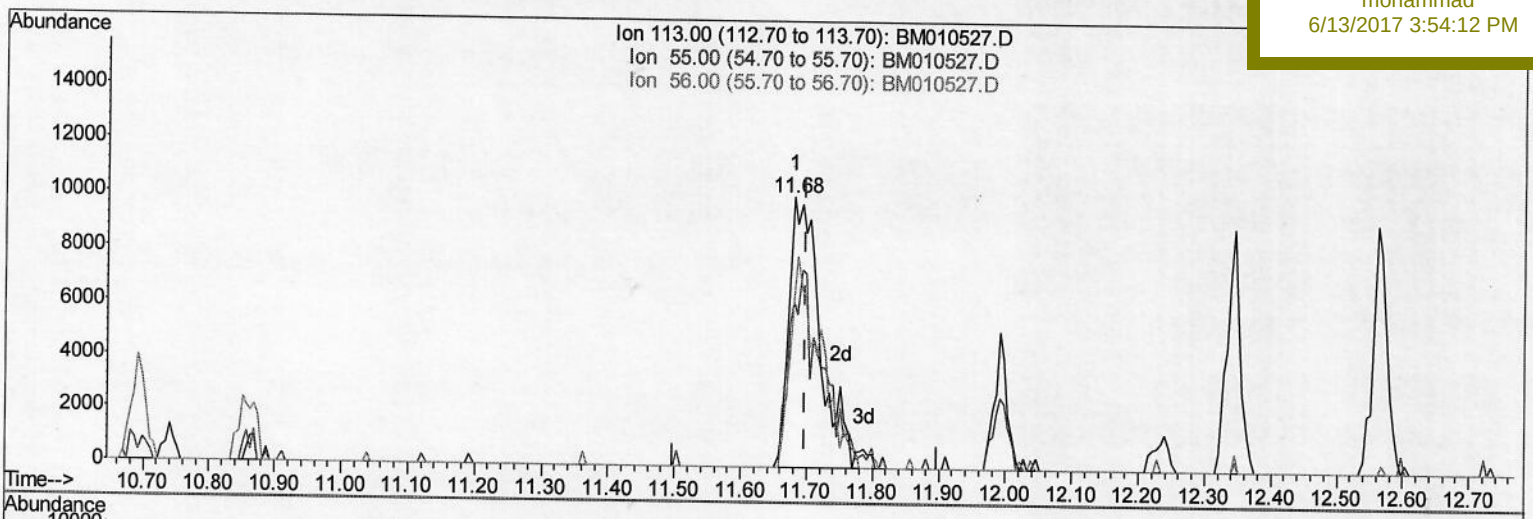
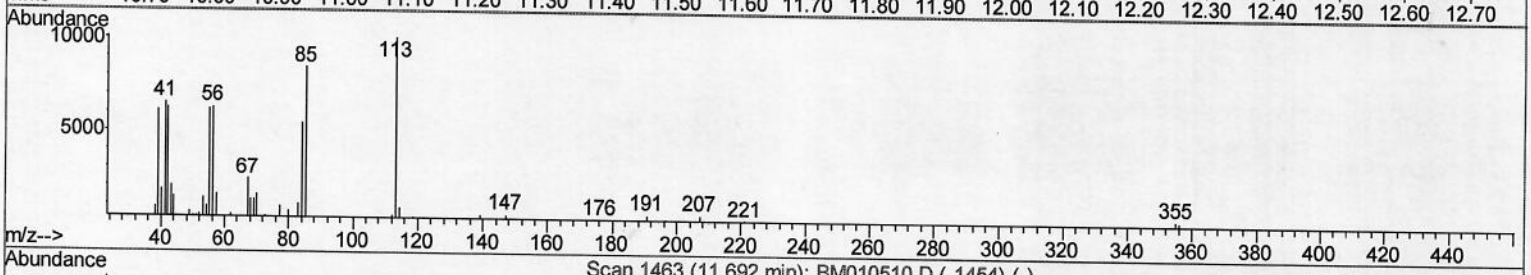
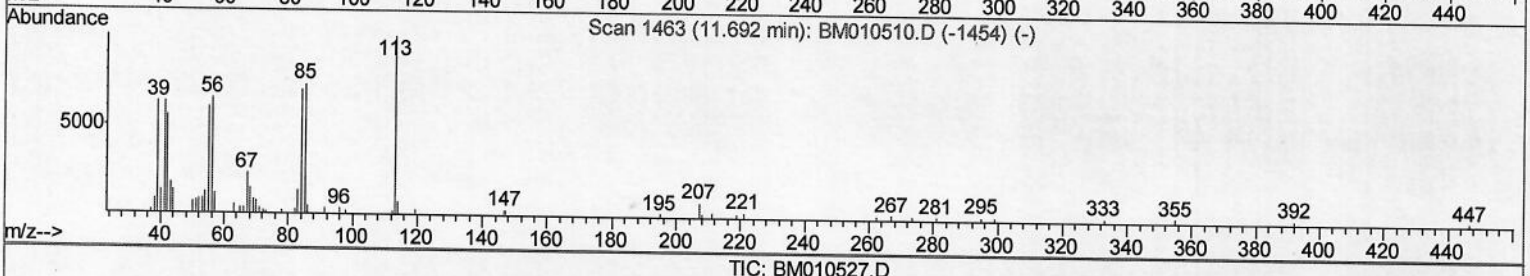
Manual Integrations APPROVED
mohammad
6/13/2017 3:54:12 PM







TIC: BM010527.D

(32) Caprolactam

11.680min (-0.018) 19.64ng/ul m

response 32422

> 5.1
06/14/17

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	61.48#
56.00	107.50	62.22#
0.00	0.00	0.00

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LabSampleId :
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Manual Integrations APPROVED
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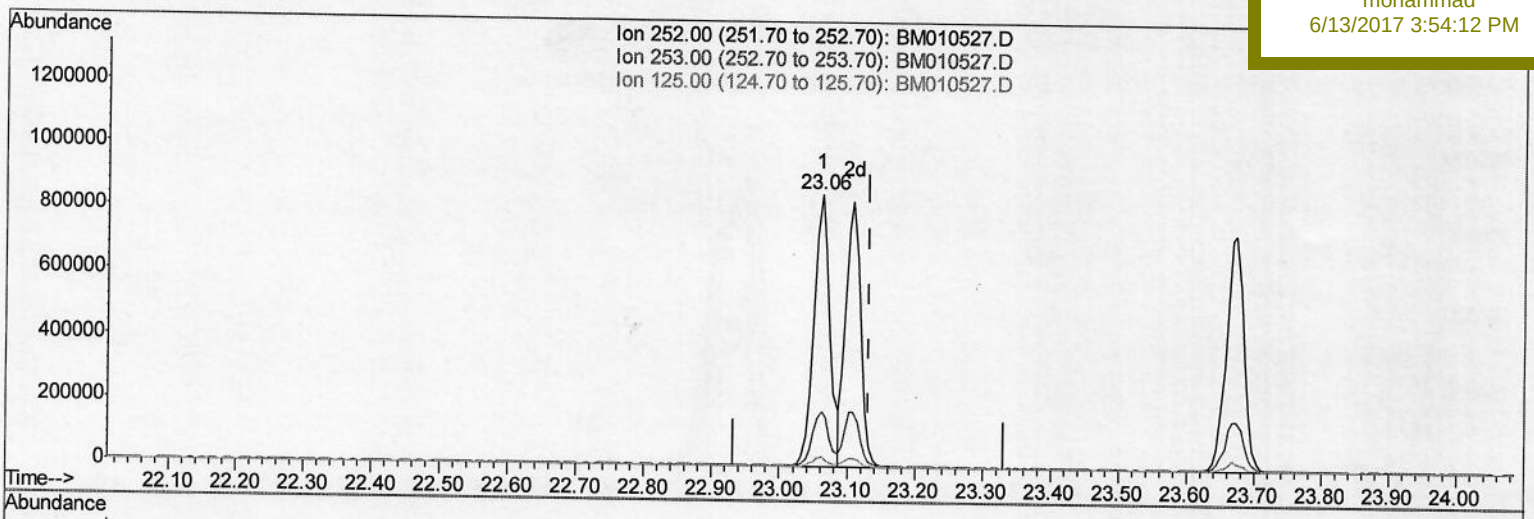

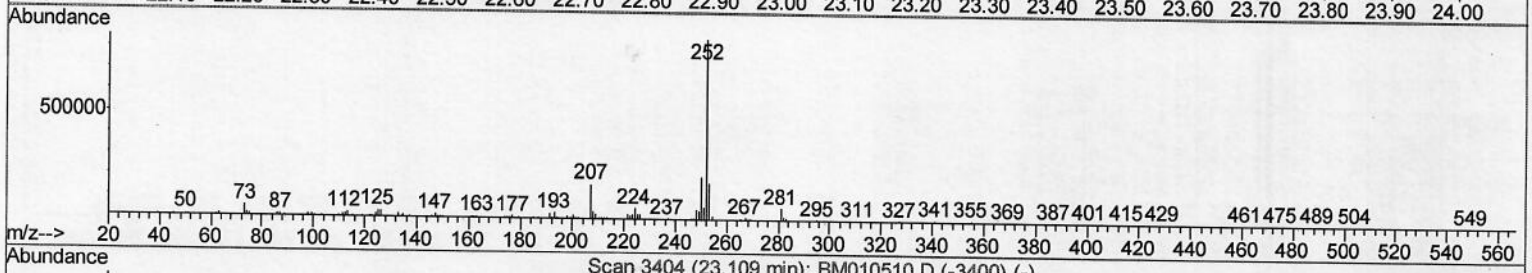

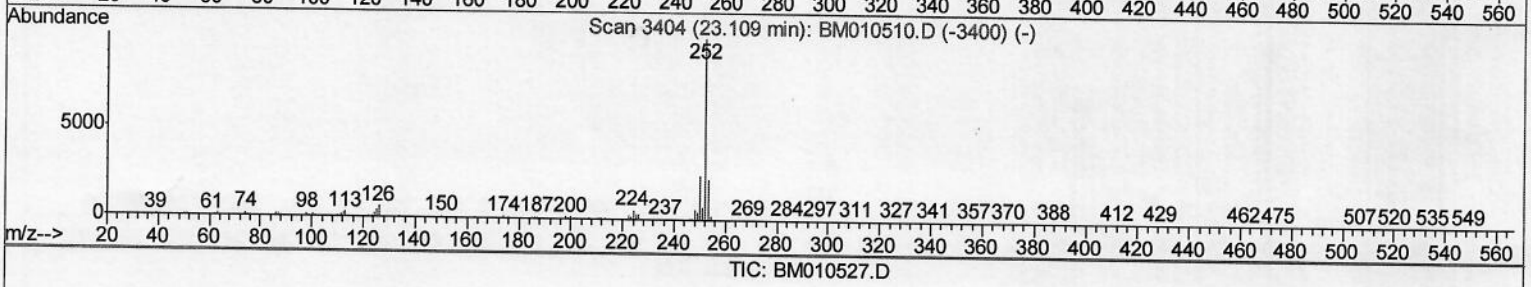

(86) Benzo(k)fluoranthene

23.062min (-0.071) 21.85ng/ul

response 1388486

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	20.66
125.00	4.30	3.47
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061217\

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 13 02:10:58 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 08 01:22:27 2017
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Instrument :
BNA_M
LabSampleId :
SSTD02026

Manual Integrations APPROVED
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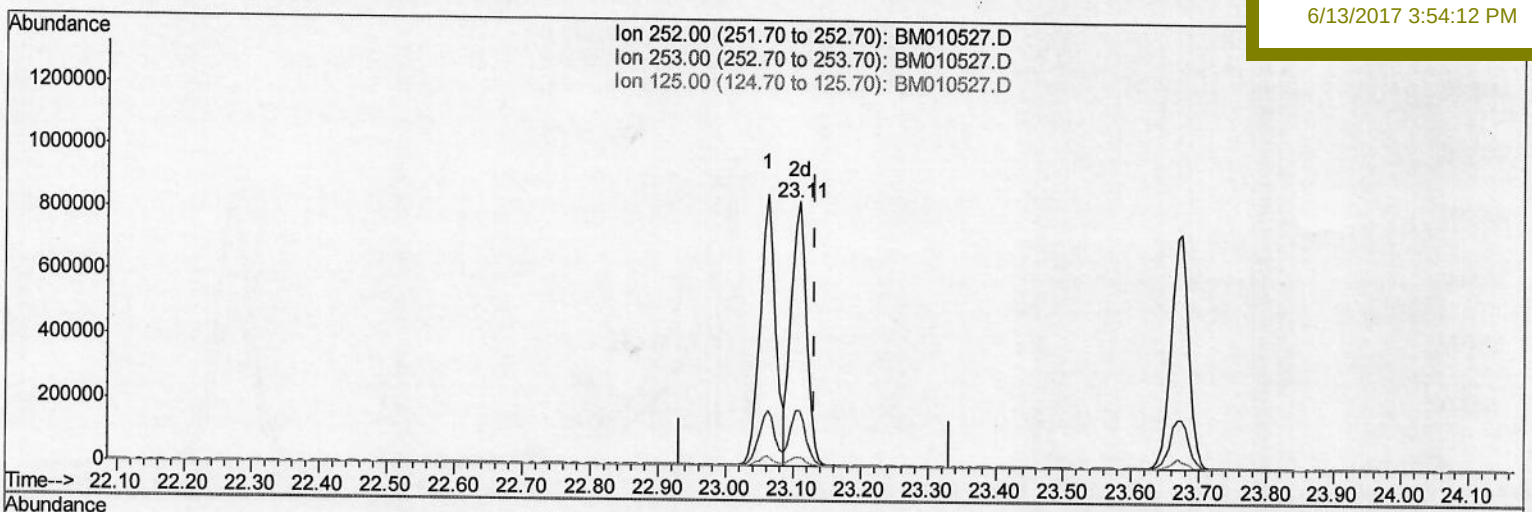

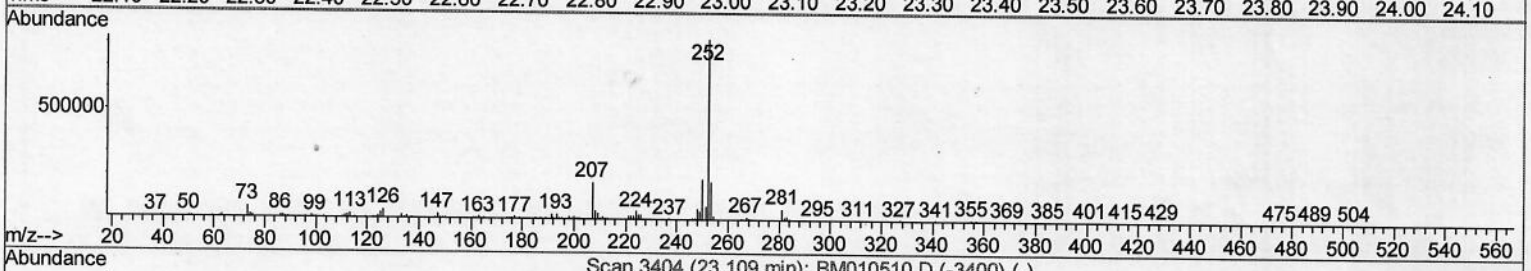

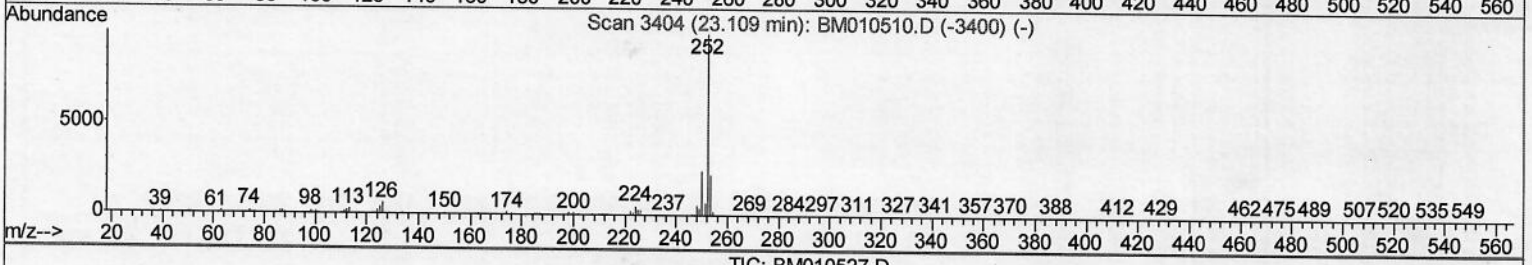

TIC: BM010527.D

(86) Benzo(k)fluoranthene

23.109min (-0.024) 20.65ng/ul m > 9.7

06/14/17

response 1312335

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.11
125.00	4.30	3.23#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061217\

Quantitation Report (QT Reviewed)

Data File : BM010527.D
Acq On : 12 Jun 2017 09:44
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 13 02:13:44 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 08 01:22:27 2017
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Instrument : BNA_M
LabSampleId : SSTD02026

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	104715	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.69	136	386303	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.53	164	280752	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.27	188	765561	20.00	ng/ul	-0.02
75) Chrysene-d12	21.44	240	1128930	20.00	ng/ul	-0.01
83) Perylene-d12	23.77	264	1143113	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	17388	6.81	ng/uL	-0.02
5) Phenol-d5	7.07	99	132441	16.69	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.23	67	78634	17.63	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.43	132	116245	18.38	ng/ul	-0.02
13) 4-Methylphenol-d8	8.61	113	118713	18.54	ng/ul	-0.03
19) Nitrobenzene-d5	9.07	128	53077	18.76	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.79	143	69671	21.25	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.32	165	154741	22.98	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.86	131	140288	21.59	ng/ul	-0.02
43) Dimethylphthalate-d6	13.94	166	498838	21.38	ng/ul	-0.01
46) Acenaphthylene-d8	14.23	160	561958	20.65	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.77	143	63565	18.21	ng/ul	-0.02
57) Fluorene-d10	15.52	176	459349	22.40	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.64	200	101328	18.69	ng/ul	-0.02
70) Anthracene-d10	17.37	188	751736	20.18	ng/ul	-0.02
76) Pyrene-d10	19.66	212	947457	20.30	ng/ul	-0.02
87) Benzo(a)pyrene-d12	23.62	264	1077529	20.25	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	18155	6.67	ng/uL#	37
4) Benzaldehyde	7.05	77	111302	20.86	ng/ul	93
6) Phenol	7.10	94	133750	16.44	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.33	93	90985	16.12	ng/ul	93
10) 2-Chlorophenol	7.46	128	121186	19.09	ng/ul	90
11) 2-Methylphenol	8.35	108	105159	17.71	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.42	45	36850	14.47	ng/ul#	35
14) Acetophenone	8.73	105	191314	18.31	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.70	70	107901	20.66	ng/ul#	79
16) 4-Methylphenol	8.67	108	113108	17.37	ng/ul	85
17) Hexachloroethane	8.96	117	63350	21.98	ng/ul	96
20) Nitrobenzene	9.12	77	173959	21.53	ng/ul	91
21) Isophorone	9.62	82	257508	20.71	ng/ul	94
23) 2-Nitrophenol	9.82	139	70737	20.35	ng/ul	93
24) 2,4-Dimethylphenol	9.87	107	169550	20.98	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.10	93	128310	18.36	ng/ul	94
27) 2,4-Dichlorophenol	10.35	162	148867	22.56	ng/ul	90
28) Naphthalene	10.75	128	375858	19.40	ng/ul	99
30) 4-Chloroaniline	10.88	127	144251	23.00	ng/ul	91
31) Hexachlorobutadiene	10.99	225	155251	25.69	ng/ul	93
32) Caprolactam	11.68	113	32422m	19.64	ng/ul	
33) 4-Chloro-3-methylphenol	11.99	107	133791	21.07	ng/ul	97
34) 2-Methylnaphthalene	12.35	142	316344	21.53	ng/ul	94

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 13 02:13:44 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 08 01:22:27 2017
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02026

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	255399	21.87 ng/ul	97
37) Hexachlorocyclopentadiene	12.66	237	131521	16.79 ng/ul#	95
38) 2,4,6-Trichlorophenol	12.96	196	150506	22.67 ng/ul	98
39) 2,4,5-Trichlorophenol	13.03	196	153476	22.92 ng/ul	98
40) 1,1'-Biphenyl	13.36	154	459022	20.15 ng/ul	95
41) 2-Chloronaphthalene	13.40	162	357069	19.96 ng/ul	97
42) 2-Nitroaniline	13.64	65	92118	20.21 ng/ul	96
44) Dimethylphthalate	13.99	163	489054	21.32 ng/ul	100
45) 2,6-Dinitrotoluene	14.13	165	94534	22.48 ng/ul#	84
47) Acenaphthylene	14.26	152	533687	20.07 ng/ul	97
48) 3-Nitroaniline	14.47	138	74037	18.28 ng/ul	97
49) Acenaphthene	14.59	153	371171	19.90 ng/ul	98
50) 2,4-Dinitrophenol	14.67	184	61598	19.38 ng/ul#	81
52) 4-Nitrophenol	14.79	109	119202	24.92 ng/ul#	66
53) Dibenzofuran	14.93	168	596368	21.63 ng/ul	99
54) 2,4-Dinitrotoluene	14.91	165	143043	23.17 ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.15	232	160123	24.89 ng/ul#	97
56) Diethylphthalate	15.34	149	480590	21.66 ng/ul	97
58) Fluorene	15.57	166	490070	21.66 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.56	204	305923	23.66 ng/ul	98
60) 4-Nitroaniline	15.64	138	78107	18.41 ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	15.66	198	105138	18.30 ng/ul#	99
64) N-Nitrosodiphenylamine	15.79	169	427617	19.16 ng/ul	97
65) 4-Bromophenyl-phenylether	16.46	248	189148	20.08 ng/ul	93
66) Hexachlorobenzene	16.56	284	187235	18.98 ng/ul#	85
67) Atrazine	16.73	200	202554	20.88 ng/ul	96
68) Pentachlorophenol	16.92	266	114736	18.27 ng/ul	94
69) Phenanthrene	17.32	178	794348	19.44 ng/ul	98
71) Anthracene	17.41	178	857911	20.11 ng/ul	99
72) Carbazole	17.69	167	672140	18.61 ng/ul	97
73) Di-n-butylphthalate	18.21	149	797915	19.57 ng/ul#	97
74) Fluoranthene	19.33	202	1100617	21.90 ng/ul#	95
77) Pyrene	19.69	202	1159345	19.93 ng/ul#	92
78) Butylbenzylphthalate	20.56	149	383346	19.07 ng/ul	92
79) 3,3'-Dichlorobenzidine	21.37	252	412374	18.61 ng/ul	94
80) Benzo(a)anthracene	21.43	228	1293604	20.32 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.31	149	552093	18.46 ng/ul	99
82) Chrysene	21.48	228	1162429	20.20 ng/ul	98
84) Di-n-octyl phthalate	22.20	149	1050559	19.97 ng/ul#	95
85) Benzo(b)fluoranthene	23.06	252	1388486	20.87 ng/ul#	96
86) Benzo(k)fluoranthene	23.11	252	1312335m	20.65 ng/ul	
88) Benzo(a)pyrene	23.67	252	1338713	20.30 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.16	276	1708995	20.52 ng/ul	99
90) Dibenzo(a,h)anthracene	26.16	278	1466138	20.44 ng/ul	97
91) Benzo(g,h,i)perylene	26.89	276	1370592	19.97 ng/ul	97

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

S.J 06/14/17

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