Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG031016\
Data File : BG021398.D
Acq On : 10 Mar 2016 8:15
Operator : UM/SJ
Sample : SSTD04027
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 10 10:28:02 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 10 10:00:32 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD04027

Manual Integrations APPROVED
Sohil
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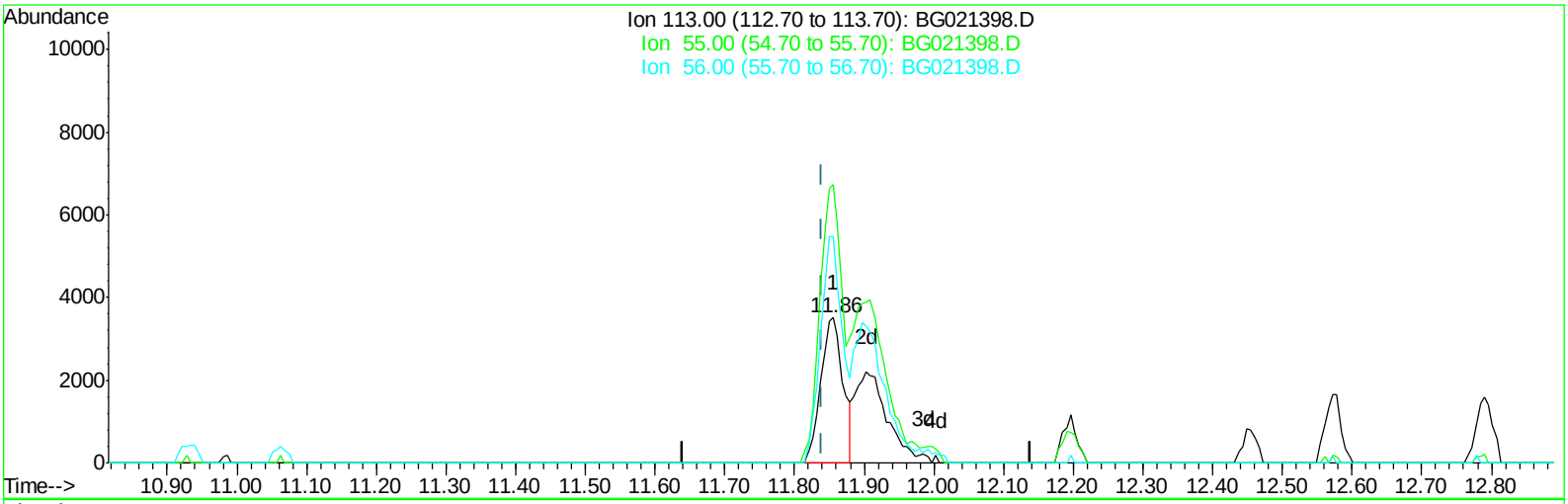

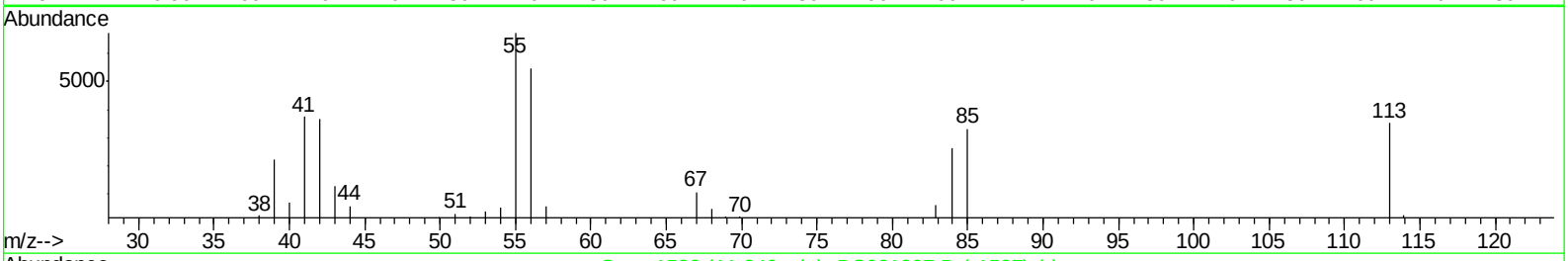

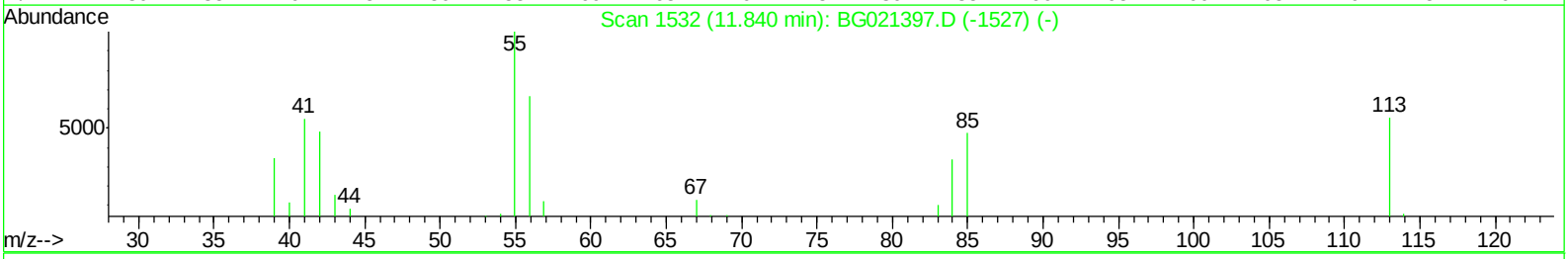

TIC: BG021398.D

(32) Caprolactam

11.856min (+0.016) 20.22ng/ul

response 7734

Ion	Exp%	Act%
113.00	100	100
55.00	194.40	191.47
56.00	132.10	155.57
0.00	0.00	0.00

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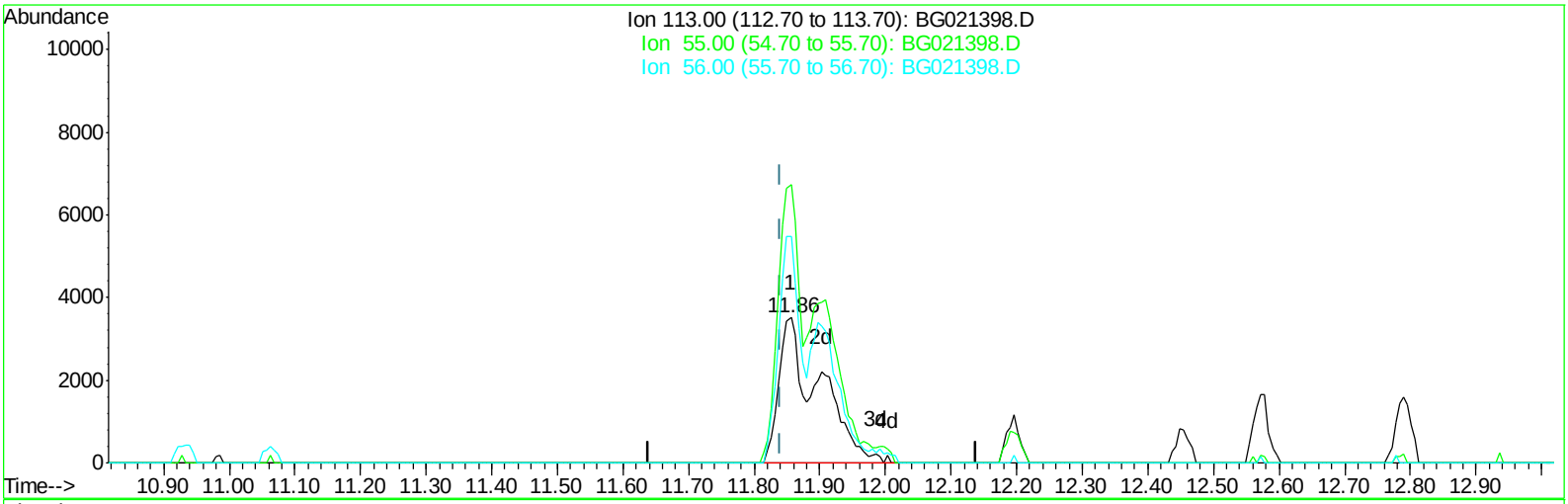

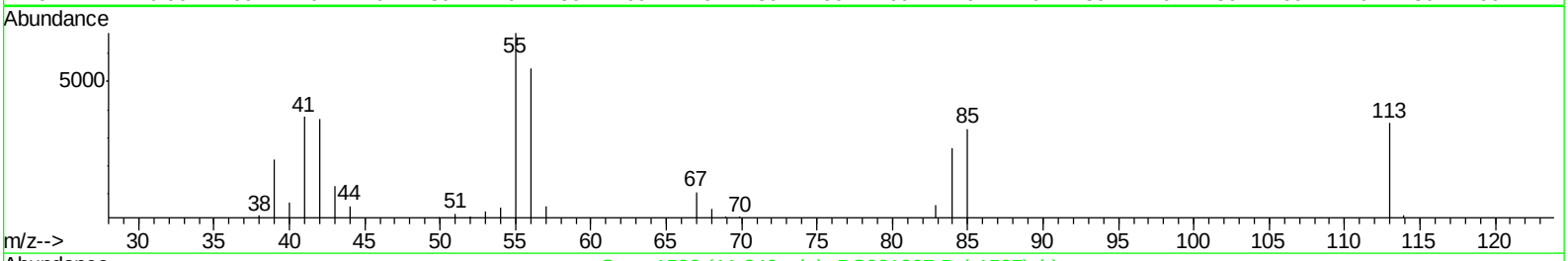

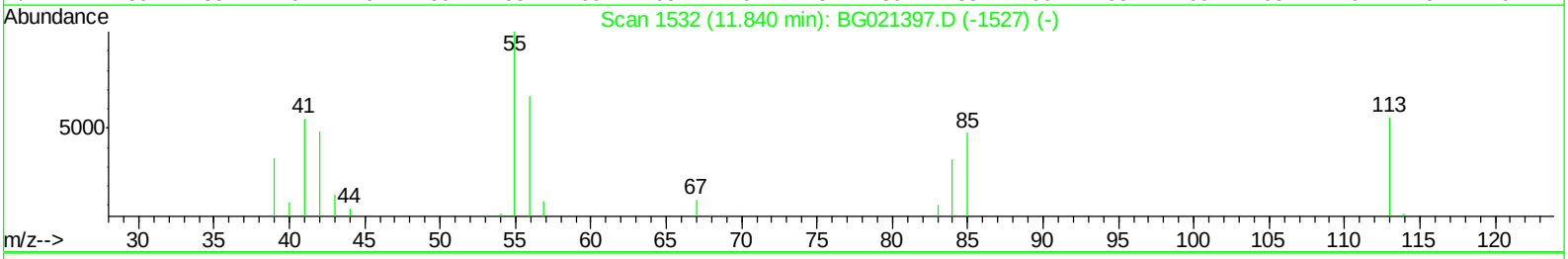

TIC: BG021398.D

(32) Caprolactam

11.856min (+0.016) 38.83ng/ul m

response 14852

Ion	Exp%	Act%
113.00	100	100
55.00	194.40	191.47
56.00	132.10	155.57
0.00	0.00	0.00

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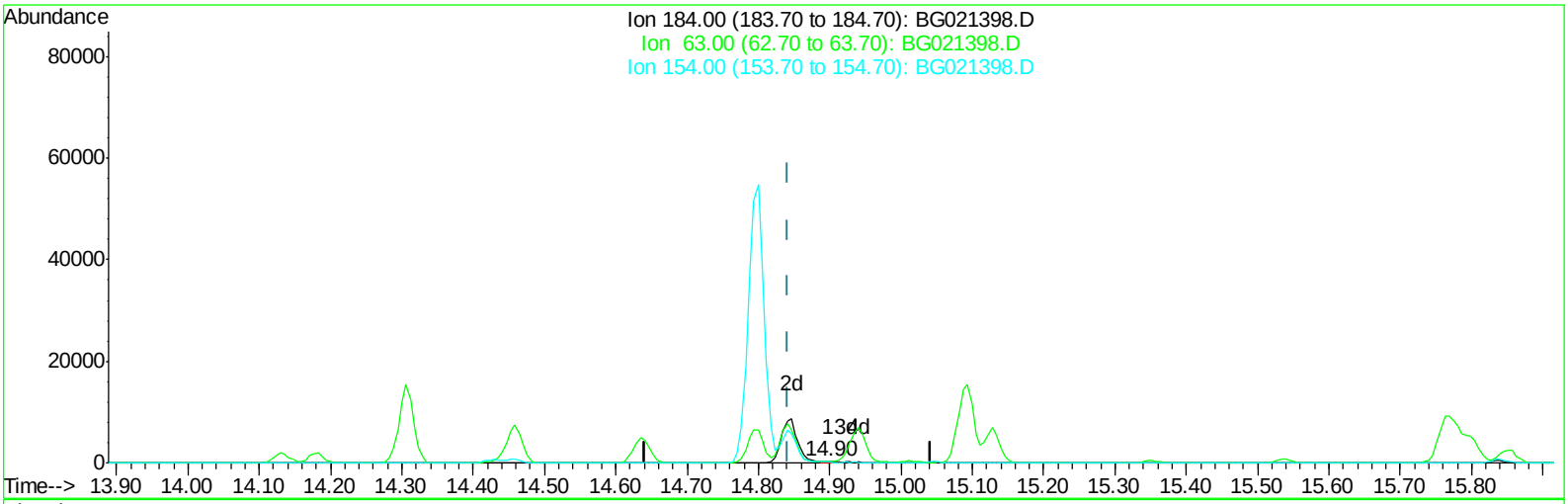

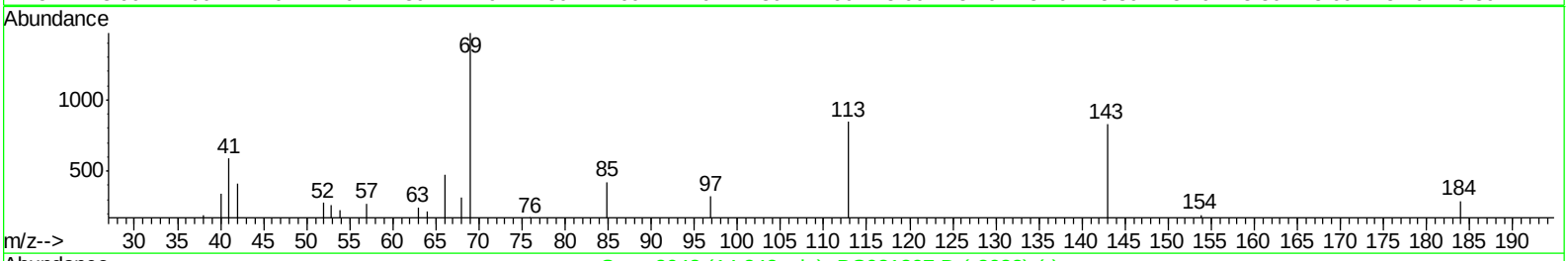

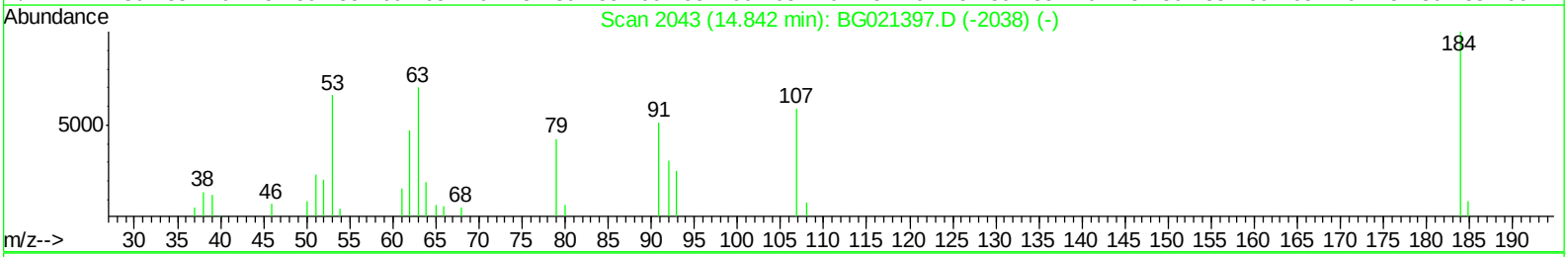

TIC: BG021398.D

(51) 2,4-Dinitrophenol

14.899min (+0.057) 1.33ng/ul

response 337

Ion	Exp%	Act%
184.00	100	100
63.00	94.60	85.37
154.00	74.30	66.55
0.00	0.00	0.00

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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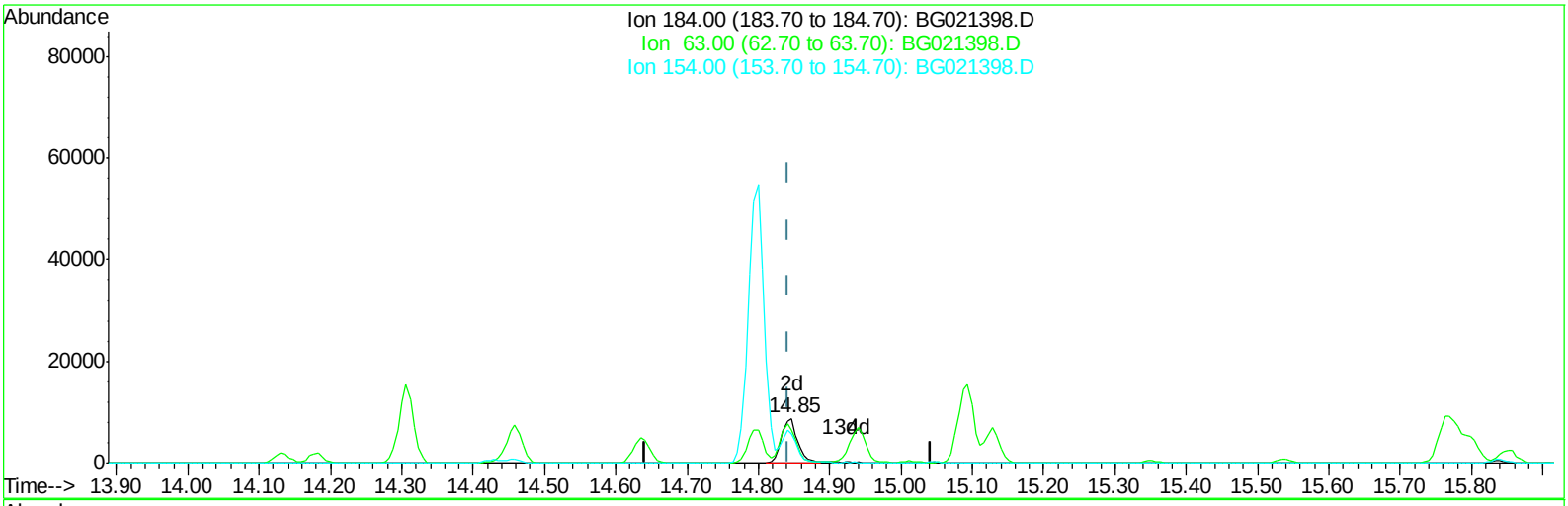

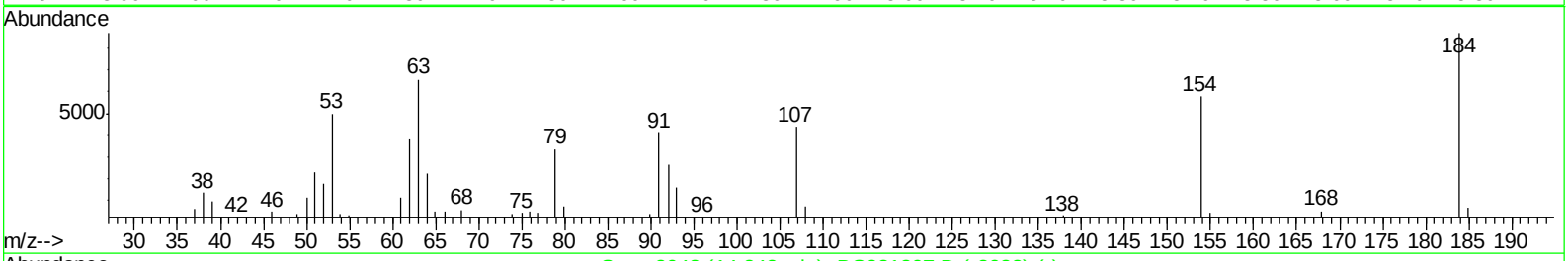

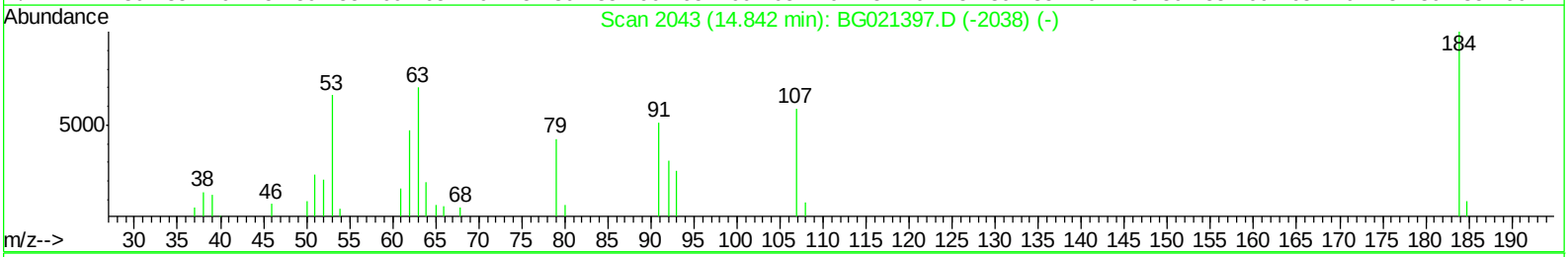

TIC: BG021398.D

(51) 2,4-Dinitrophenol

14.846min (+0.004) 53.80ng/ul m

response 13676

Ion	Exp%	Act%
184.00	100	100
63.00	94.60	75.20#
154.00	74.30	66.05
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Instrument :
BNA_G
ClientSampleId :
SSTD04027

Manual Integrations APPROVED
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Quant Time: Mar 10 10:30:44 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 10 10:00:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	9764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	49613	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	32797	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	79524	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	84815	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	77927	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	3556	16.00	ng/uL	0.00
5) Phenol-d5	7.27	99	44384	39.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	28730	39.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	31078	40.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	35991	40.16	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	16350	40.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	18266	39.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	32397	40.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	44196	41.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	112661	38.51	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	138517	40.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	21777	39.38	ng/ul	0.01
58) Fluorene-d10	15.72	176	97997	38.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	21592	45.07	ng/ul	0.00
71) Anthracene-d10	17.57	188	156755	39.81	ng/ul	0.00
79) Pyrene-d10	19.85	212	169277	39.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	165687	39.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	4250	12.61	ng/uL	97
4) Benzaldehyde	7.26	77	33165	45.74	ng/ul	96
6) Phenol	7.30	94	47443	39.81	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.54	93	33866	39.79	ng/ul	95
10) 2-Chlorophenol	7.68	128	33023	40.69	ng/ul	95
11) 2-Methylphenol	8.55	108	35325	39.45	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.65	45	53676	39.61	ng/ul	98
14) Acetophenone	8.94	105	58806	38.72	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.93	70	38300	39.87	ng/ul	97
16) 4-Methylphenol	8.89	108	39951	39.71	ng/ul	82
17) Hexachloroethane	9.21	117	14122	39.95	ng/ul	96
20) Nitrobenzene	9.33	77	52393	39.44	ng/ul	99
21) Isophorone	9.85	82	102837	38.76	ng/ul	99
23) 2-Nitrophenol	10.04	139	20322	38.20	ng/ul	94
24) 2,4-Dimethylphenol	10.09	107	49146	40.92	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.33	93	50035	39.32	ng/ul	98
27) 2,4-Dichlorophenol	10.57	162	33243	39.58	ng/ul	93
28) Naphthalene	10.98	128	111422	39.82	ng/ul	98
30) 4-Chloroaniline	11.09	127	48903	41.97	ng/ul	95
31) Hexachlorobutadiene	11.26	225	21721	40.12	ng/ul	98
32) Caprolactam	11.86	113	14852m	38.83	ng/ul	
33) 4-Chloro-3-methylphenol	12.20	107	48544	40.57	ng/ul	98
34) 2-Methylnaphthalene	12.57	142	83172	40.32	ng/ul	95

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Manual Integrations APPROVED
Sohil
3/11/2016 5:27:20 PM

Quant Time: Mar 10 10:30:44 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 10 10:00:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	79438	40.65	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	43111	40.52	ng/ul	95
38) Hexachlorocyclopentadiene	12.91	237	25212	41.73	ng/ul	100
39) 2,4,6-Trichlorophenol	13.17	196	31473	38.72	ng/ul	94
40) 2,4,5-Trichlorophenol	13.24	196	34563	38.10	ng/ul	95
41) 1,1'-Biphenyl	13.57	154	110008	40.18	ng/ul	98
42) 2-Chloronaphthalene	13.62	162	85843	40.30	ng/ul	98
43) 2-Nitroaniline	13.82	65	41071	39.22	ng/ul	96
45) Dimethylphthalate	14.18	163	120602	38.98	ng/ul	98
46) 2,6-Dinitrotoluene	14.31	165	25563	39.69	ng/ul	100
48) Acenaphthylene	14.46	152	142014	39.78	ng/ul	99
49) 3-Nitroaniline	14.64	138	26981	41.88	ng/ul	94
50) Acenaphthene	14.80	153	98009	40.33	ng/ul	98
51) 2,4-Dinitrophenol	14.85	184	13676m	53.80	ng/ul	
53) 4-Nitrophenol	14.94	109	27365	40.16	ng/ul	95
54) Dibenzofuran	15.13	168	132726	39.18	ng/ul	99
55) 2,4-Dinitrotoluene	15.09	165	37906	38.92	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.35	232	30148	38.42	ng/ul#	95
57) Diethylphthalate	15.54	149	133305	38.31	ng/ul	99
59) Fluorene	15.77	166	119129	40.21	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.76	204	59621	39.98	ng/ul	99
61) 4-Nitroaniline	15.80	138	31597	41.87	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.86	198	23927	46.21	ng/ul#	94
65) N-Nitrosodiphenylamine	15.98	169	103893	40.03	ng/ul	97
66) 4-Bromophenyl-phenylether	16.66	248	36386	42.09	ng/ul	93
67) Hexachlorobenzene	16.78	284	37655	44.67	ng/ul	95
68) Atrazine	16.92	200	40034	39.81	ng/ul	95
69) Pentachlorophenol	17.11	266	21874	44.30	ng/ul	95
70) Phenanthrene	17.51	178	187899	40.04	ng/ul	97
72) Anthracene	17.61	178	192823	40.36	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	41187	41.99	ng/uL	89
74) Pentachlorobenzene	15.05	250	43076	41.55	ng/uL	98
75) Carbazole	17.87	167	165367	39.88	ng/ul	99
76) Di-n-butylphthalate	18.41	149	222827	38.80	ng/ul	100
77) Fluoranthene	19.51	202	214411	39.52	ng/ul	99
80) Pyrene	19.88	202	224076	39.96	ng/ul	99
81) Butylbenzylphthalate	20.74	149	102785	39.01	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.63	252	78854	42.37	ng/ul	98
83) Benzo(a)anthracene	21.71	228	217737	39.77	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	152700	39.16	ng/ul	100
85) Chrysene	21.79	228	200653	39.69	ng/ul	99
87) Di-n-octyl phthalate	22.82	149	261772	39.94	ng/ul	100
88) Benzo(b)fluoranthene	23.96	252	212123	39.87	ng/ul	99
89) Benzo(k)fluoranthene	24.03	252	209027	40.06	ng/ul	99
91) Benzo(a)pyrene	24.85	252	208366	40.27	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.71	276	230249	39.78	ng/ul	97
93) Dibenzo(a,h)anthracene	28.77	278	197368	40.35	ng/ul	98
94) Benzo(g,h,i)perylene	29.88	276	187155	39.44	ng/ul	98

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

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

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