Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017894.D
Acq On : 15 Jul 2015 20:07
Operator : TP/UM
Sample : MDL-07-S-ML
Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 16 02:10:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-07-S-ML

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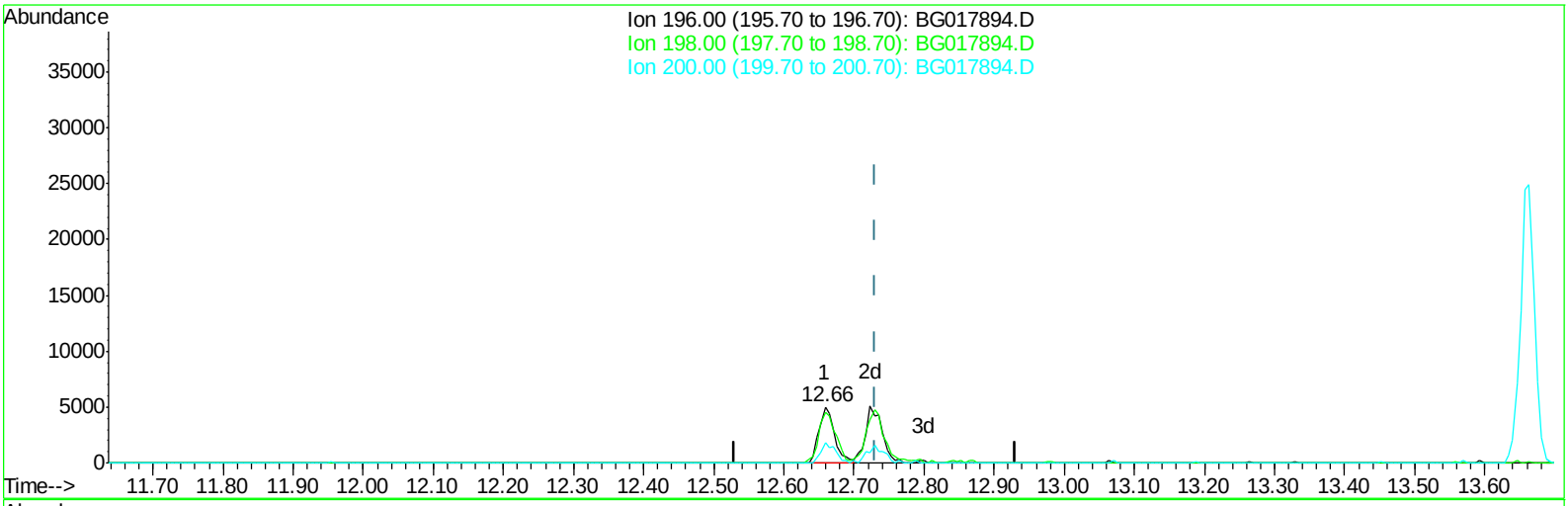

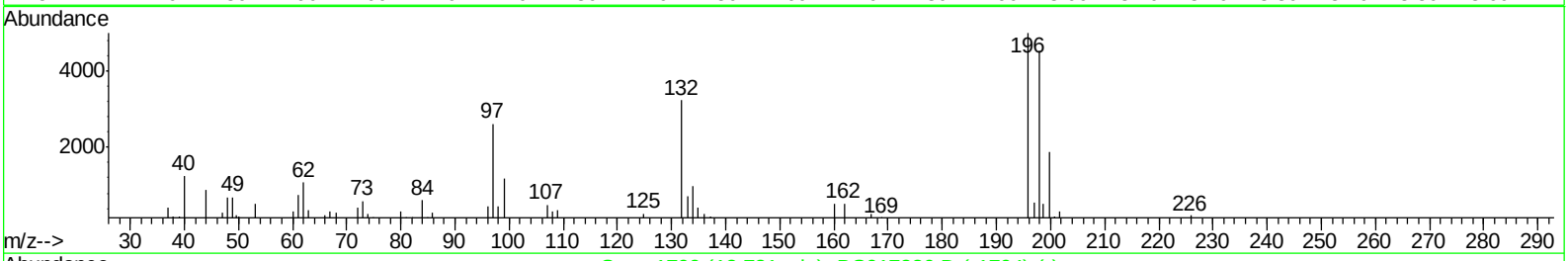

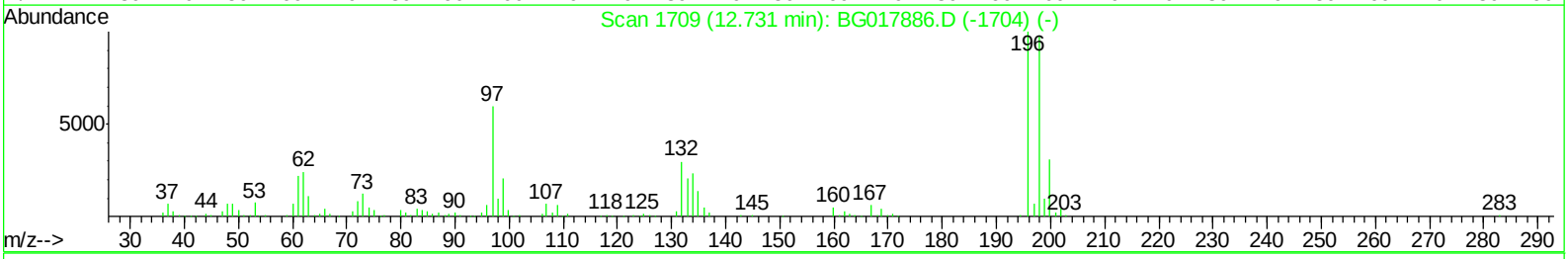

TIC: BG017894.D

(39) 2,4,5-Trichlorophenol

12.659min (-0.072) 1.96ng/ul

response 7748

Ion	Exp%	Act%
196.00	100	100
198.00	95.40	101.26
200.00	31.70	37.33
0.00	0.00	0.00

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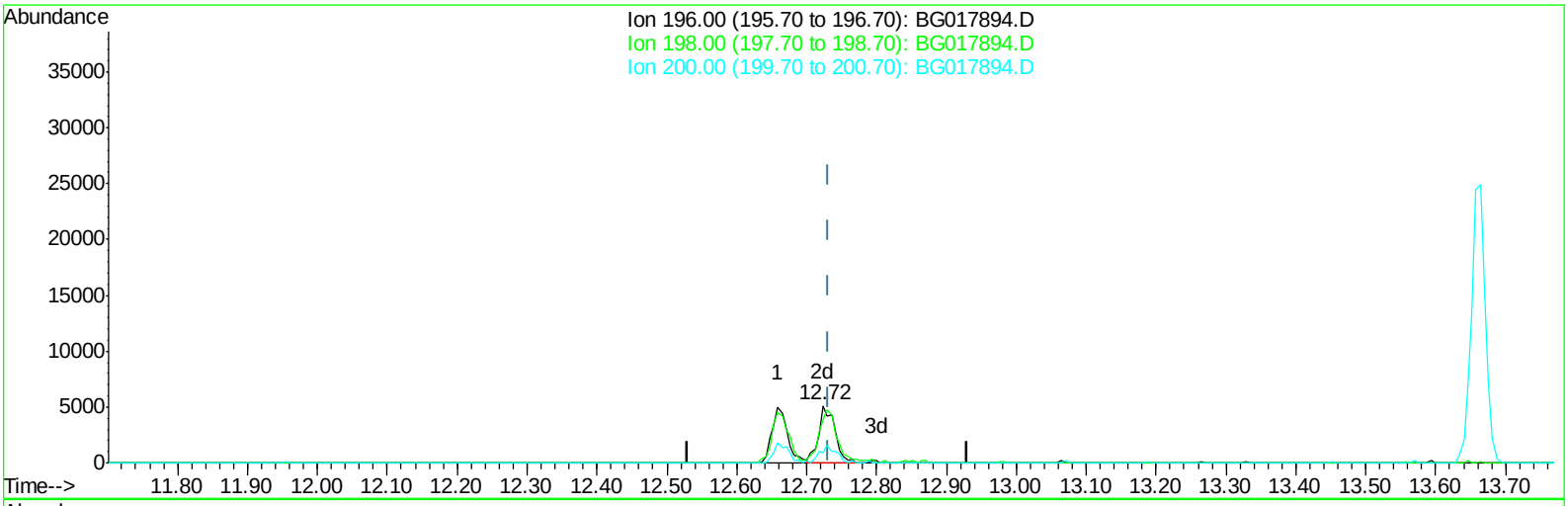

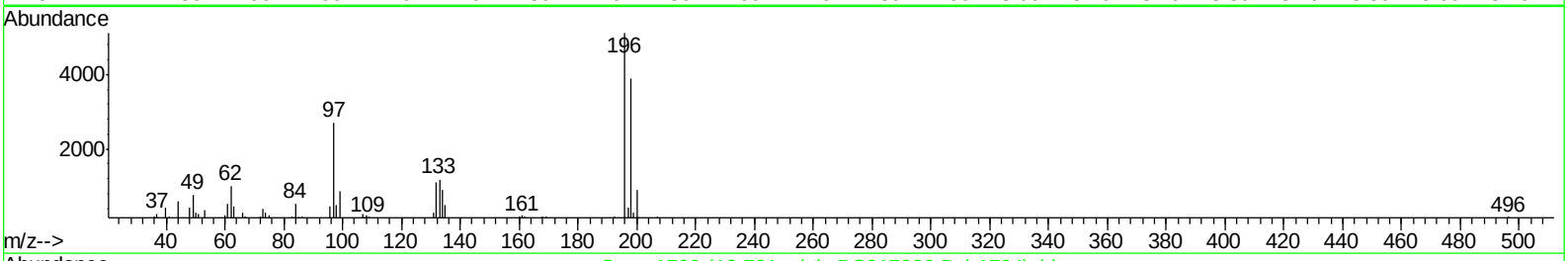

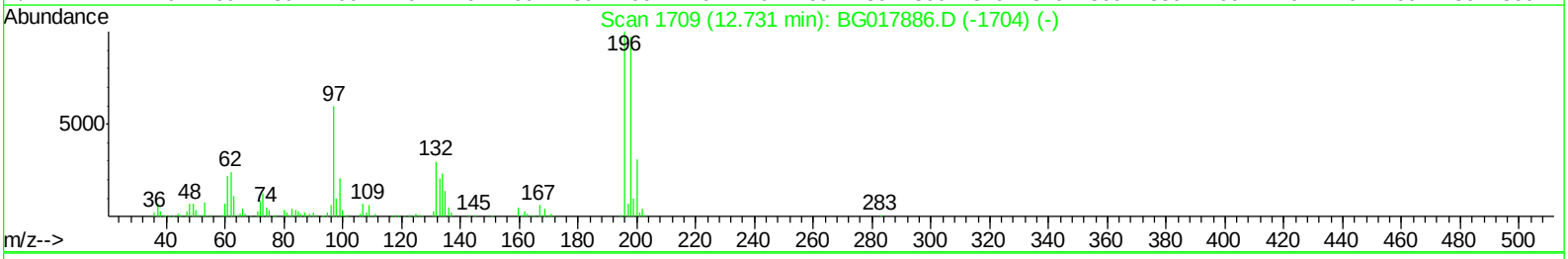

TIC: BG017894.D

(39) 2,4,5-Trichlorophenol

12.723min (-0.007) 2.09ng/ul m

response 8253

Ion	Exp%	Act%
196.00	100	100
198.00	95.40	76.11#
200.00	31.70	17.80#
0.00	0.00	0.00

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Instrument :
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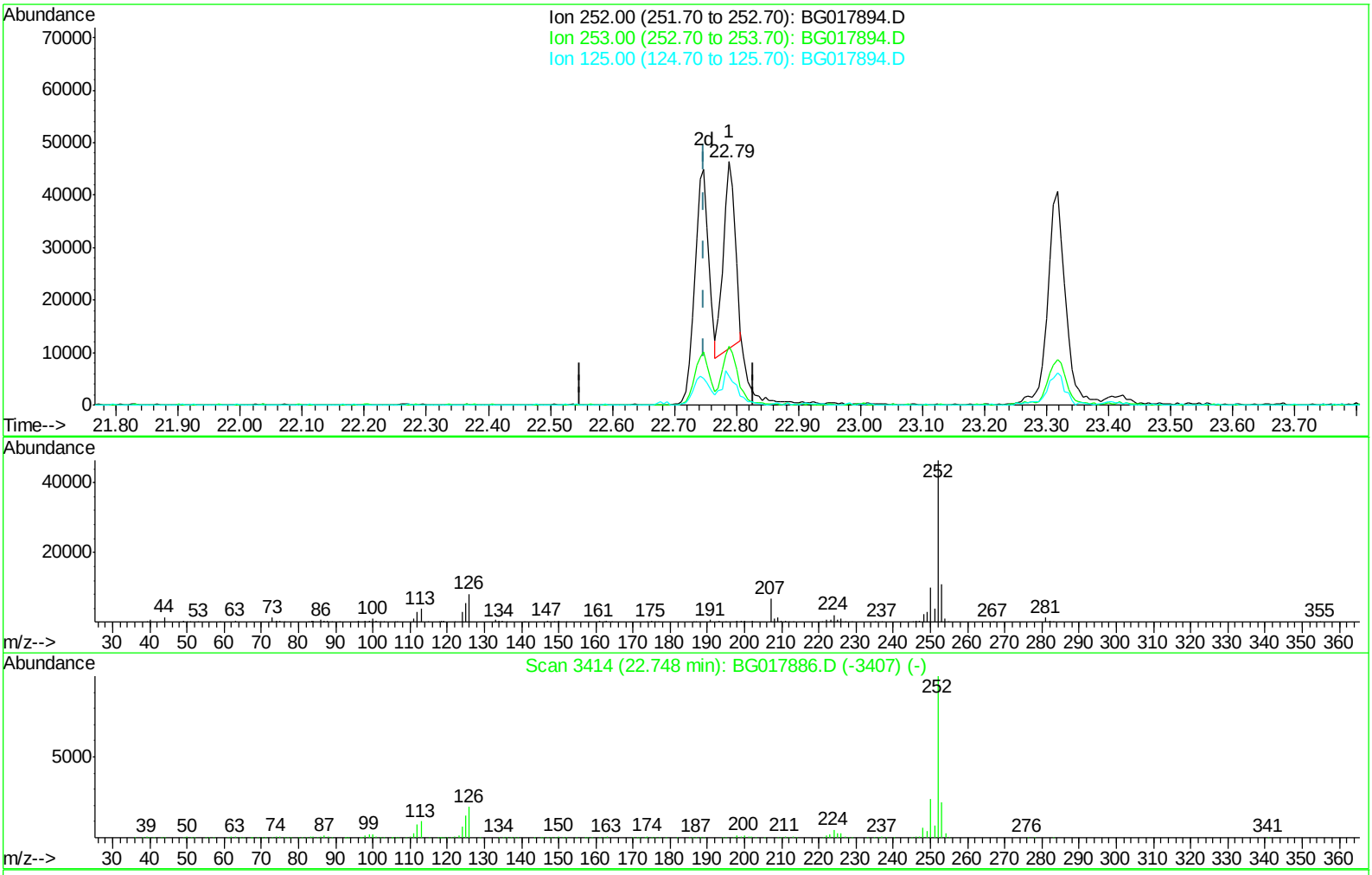

TIC: BG017894.D

(87) Benzo(b)fluoranthene

22.788min (+0.040) 1.81ng/ul

response 47509

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.88
125.00	14.40	11.83
0.00	0.00	0.00

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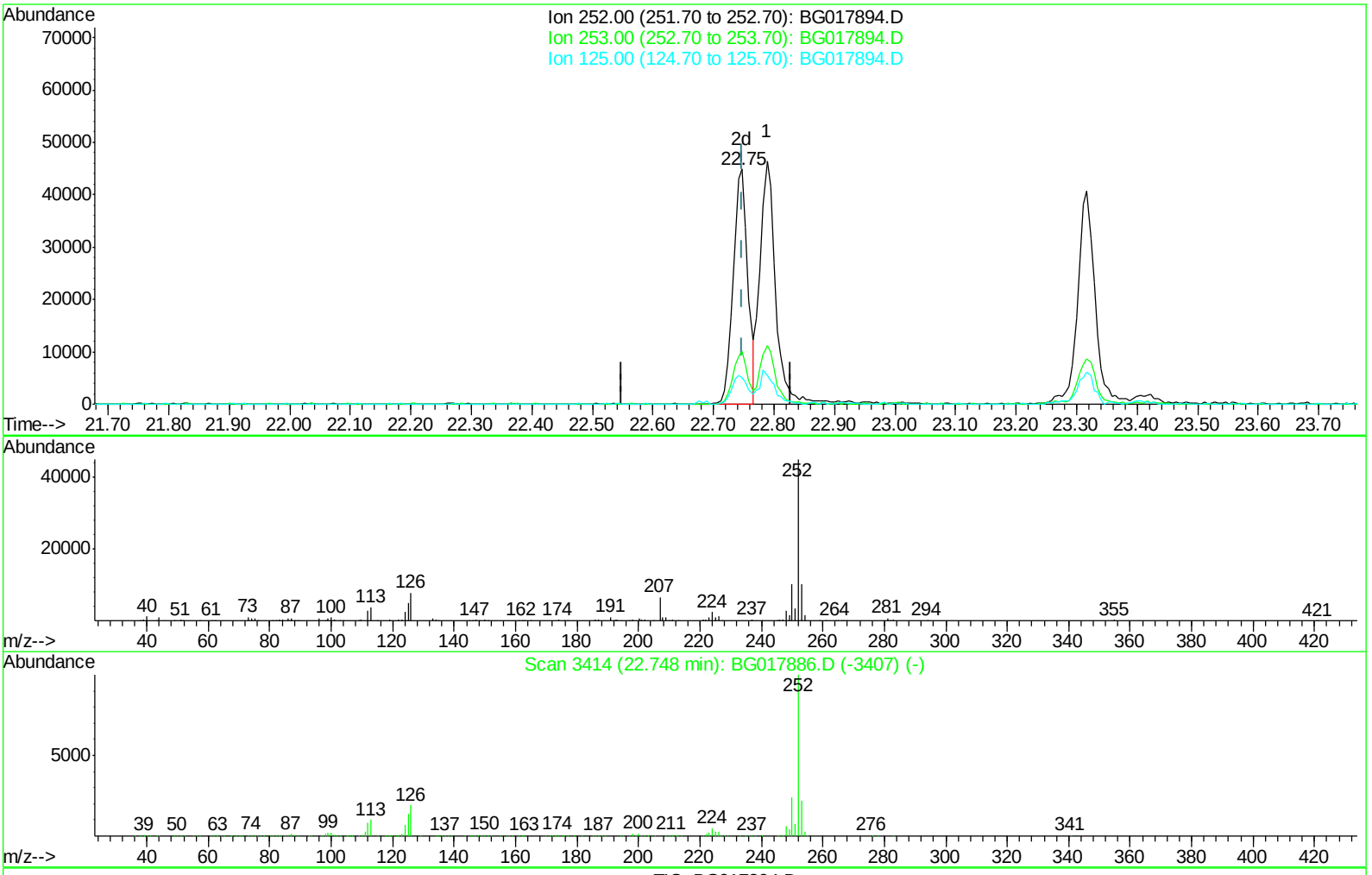

TIC: BG017894.D

(87) Benzo(b)fluoranthene

22.747min (-0.001) 2.87ng/ul m

response 75212

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.66
125.00	14.40	11.47#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-07-S-ML

Manual Integrations APPROVED
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7/16/2015 4:30:28 PM

Quant Time: Jul 16 03:29:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	93688	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	424627	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	253735	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	523402	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	516511	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	475428	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	10406	3.97	ng/uL	0.00
5) Phenol-d5	6.77	99	186414	23.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	115149	20.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	156797	24.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	152349	24.60	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	74823	22.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	65941	26.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	129846	25.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	232797	31.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	516221	29.18	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	620285	26.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	83346	24.96	ng/ul	0.00
57) Fluorene-d10	15.24	176	473391	28.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	46507	18.99	ng/ul	0.00
70) Anthracene-d10	17.09	188	730870	30.81	ng/ul	0.00
78) Pyrene-d10	19.40	212	806174	33.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	709843	30.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	2164	0.77	ng/uL#	26
4) Benzaldehyde	6.74	77	13875	2.93	ng/ul	99
6) Phenol	6.79	94	20121	2.27	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.02	93	16110	2.23	ng/ul#	94
10) 2-Chlorophenol	7.15	128	15394	2.43	ng/ul	94
11) 2-Methylphenol	8.03	108	13070	2.03	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	21086	2.01	ng/ul	95
14) Acetophenone	8.40	105	24264	2.35	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.39	70	12874	2.03	ng/ul#	91
16) 4-Methylphenol	8.36	108	14765	2.10	ng/ul	96
17) Hexachloroethane	8.65	117	6673	2.21	ng/ul	96
20) Nitrobenzene	8.78	77	17308	1.98	ng/ul	94
21) Isophorone	9.30	82	35763	2.19	ng/ul	94
23) 2-Nitrophenol	9.49	139	6668	2.26	ng/ul#	87
24) 2,4-Dimethylphenol	9.55	107	16967	2.25	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.79	93	20511	2.23	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	12831	2.49	ng/ul#	89
28) Naphthalene	10.41	128	56104	2.55	ng/ul#	96
30) 4-Chloroaniline	10.53	127	19687	2.58	ng/ul	94
31) Hexachlorobutadiene	10.70	225	8127	2.51	ng/ul#	83
32) Caprolactam	11.31	113	5096	1.35	ng/ul#	56
33) 4-Chloro-3-methylphenol	11.66	107	12177	1.93	ng/ul	86
34) 2-Methylnaphthalene	12.04	142	38039	2.55	ng/ul	97

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Quant Time: Jul 16 03:29:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	15722	2.35	ng/ul#	95
37) Hexachlorocyclopentadiene	12.39	237	6277	1.81	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.66	196	7748	2.14	ng/ul#	83
39) 2,4,5-Trichlorophenol	12.72	196	8253m	2.09	ng/ul	
40) 1,1'-Biphenyl	13.07	154	49436	2.52	ng/ul#	94
41) 2-Chloronaphthalene	13.11	162	38520	2.56	ng/ul	93
42) 2-Nitroaniline	13.32	65	7398	1.67	ng/ul	86
44) Dimethylphthalate	13.70	163	55366	2.98	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	6276	1.85	ng/ul#	83
47) Acenaphthylene	13.96	152	68071	2.68	ng/ul	96
48) 3-Nitroaniline	14.15	138	8125	2.11	ng/ul	92
49) Acenaphthene	14.30	153	42788	2.50	ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	1014	0.71	ng/ul#	72
52) 4-Nitrophenol	14.46	109	6101	2.16	ng/ul#	76
53) Dibenzofuran	14.64	168	59963	2.66	ng/ul	92
54) 2,4-Dinitrotoluene	14.62	165	10223	2.11	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	14.88	232	6876	2.26	ng/ul#	79
56) Diethylphthalate	15.08	149	55209	2.89	ng/ul	96
58) Fluorene	15.30	166	51838	2.65	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.30	204	24521	2.70	ng/ul	99
60) 4-Nitroaniline	15.31	138	10545	2.29	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.38	198	5517	2.02	ng/ul#	94
64) N-Nitrosodiphenylamine	15.51	169	43507	2.73	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	14081	2.80	ng/ul#	81
66) Hexachlorobenzene	16.30	284	16931	3.11	ng/ul#	88
67) Atrazine	16.47	200	14973	2.74	ng/ul	95
68) Pentachlorophenol	16.65	266	4553	1.69	ng/ul#	83
69) Phenanthrene	17.04	178	87910	3.04	ng/ul	97
71) Anthracene	17.13	178	89823	3.04	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	15585	2.34	ng/uL	90
73) Pentachlorobenzene	14.56	250	18889	2.96	ng/uL	98
74) Carbazole	17.40	167	75480	2.92	ng/ul	97
75) Di-n-butylphthalate	17.98	149	82544	2.55	ng/ul	99
76) Fluoranthene	19.06	202	93812	3.20	ng/ul#	95
79) Pyrene	19.43	202	108052	3.40	ng/ul	97
80) Butylbenzylphthalate	20.35	149	29665	2.31	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.12	252	16138	2.09	ng/ul	93
82) Benzo(a)anthracene	21.18	228	85015	2.98	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	38935	2.19	ng/ul#	87
84) Chrysene	21.23	228	81389	2.97	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	59258	2.13	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	75212m	2.87	ng/ul	
88) Benzo(k)fluoranthene	22.79	252	76733	2.84	ng/ul#	93
90) Benzo(a)pyrene	23.32	252	77469	2.94	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.66	276	78723	2.79	ng/ul	93
92) Dibenzo(a,h)anthracene	25.67	278	64859	2.70	ng/ul	98
93) Benzo(g,h,i)perylene	26.33	276	66328	2.81	ng/ul	94

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

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