Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017909.D
Acq On : 16 Jul 2015 7:09
Operator : TP/UM
Sample : MDL-07-S-ML
Misc : MDL-SOIL-SVOC-8PPM-MED LEVEL
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Jul 16 07:46:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

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

Manual Integrations APPROVED
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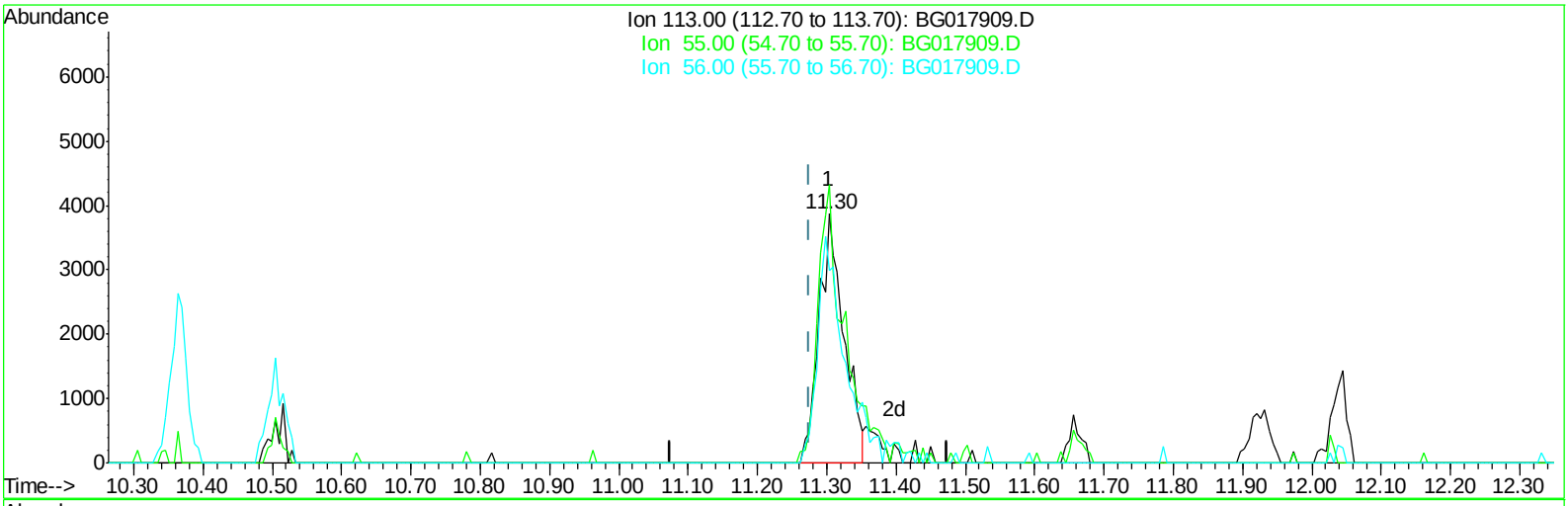

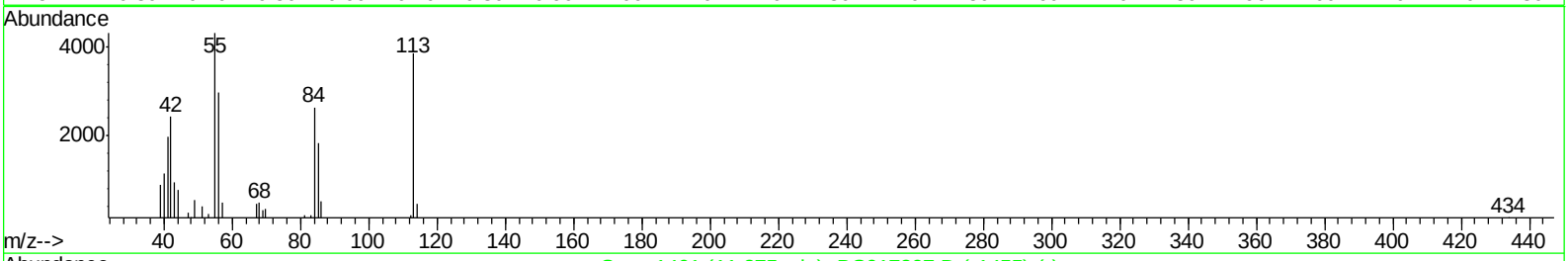

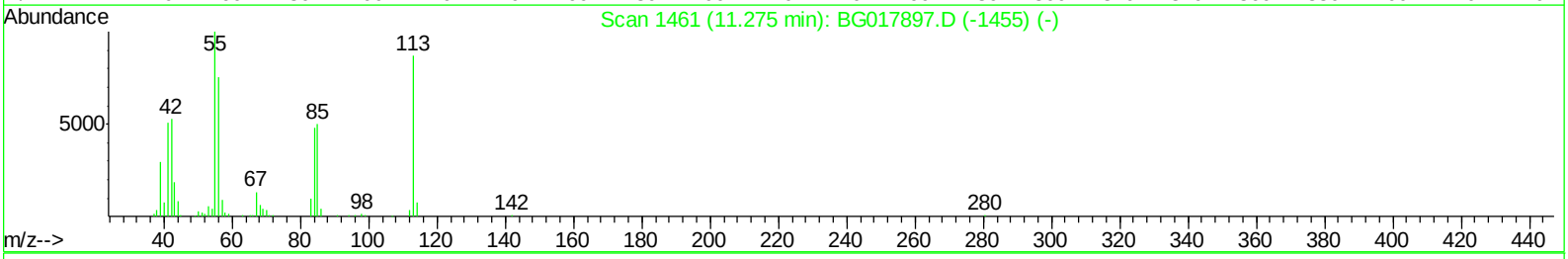

TIC: BG017909.D

(32) Caprolactam

11.304min (+0.029) 2.76ng/ul

response 9585

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	111.84#
56.00	112.20	77.14#
0.00	0.00	0.00

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Instrument :
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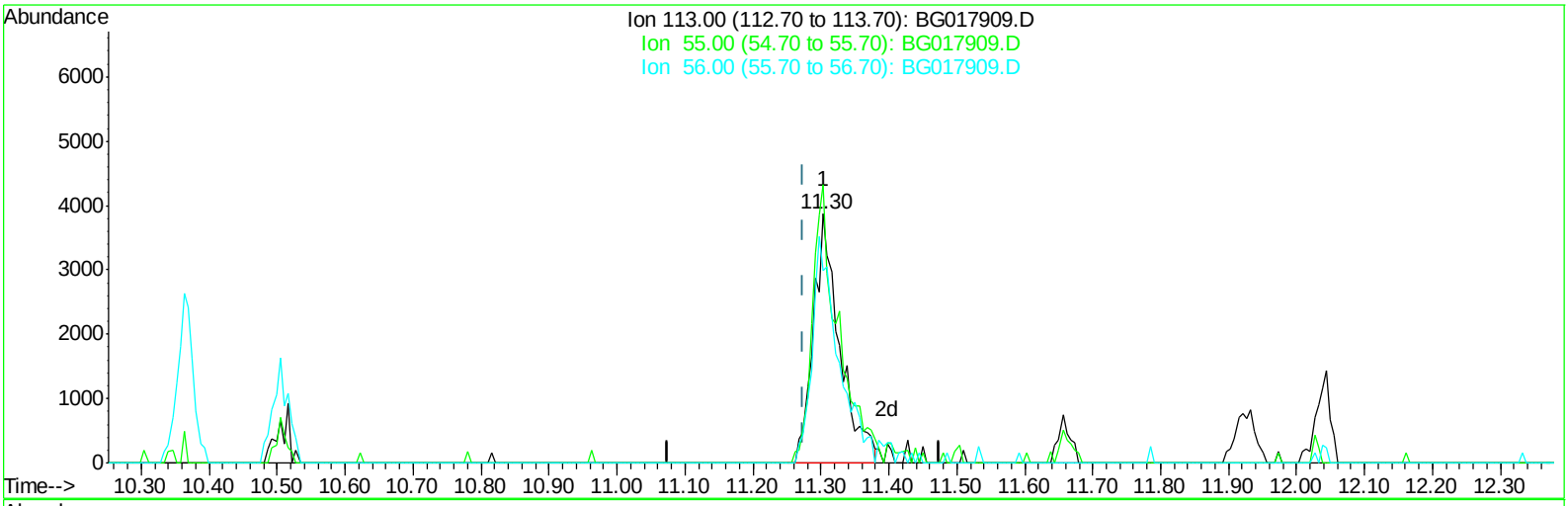

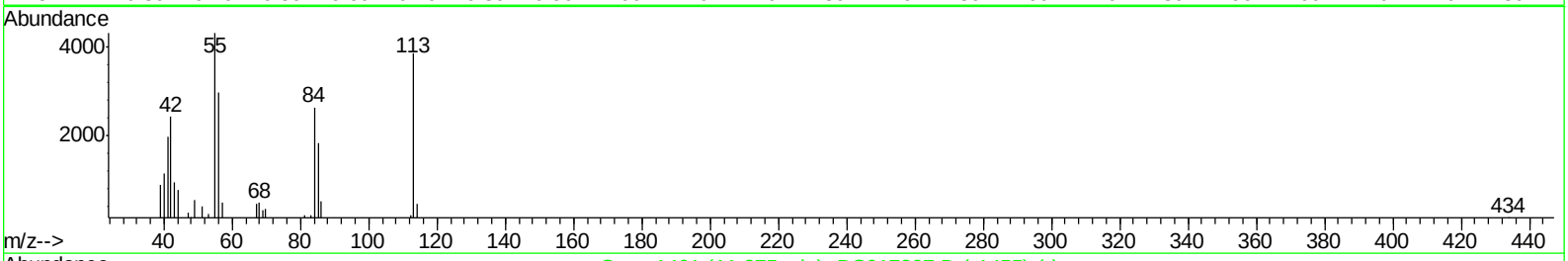

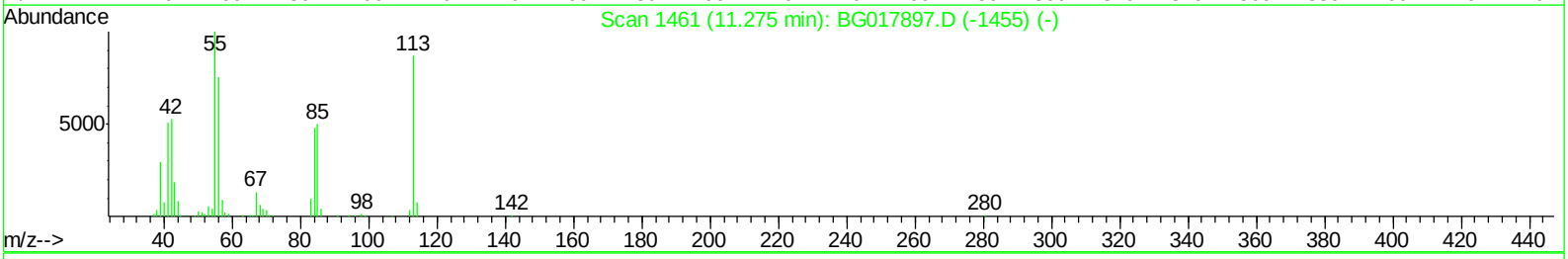

TIC: BG017909.D

(32) Caprolactam

11.304min (+0.029) 2.98ng/ul m

response 10357

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	111.84#
56.00	112.20	77.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

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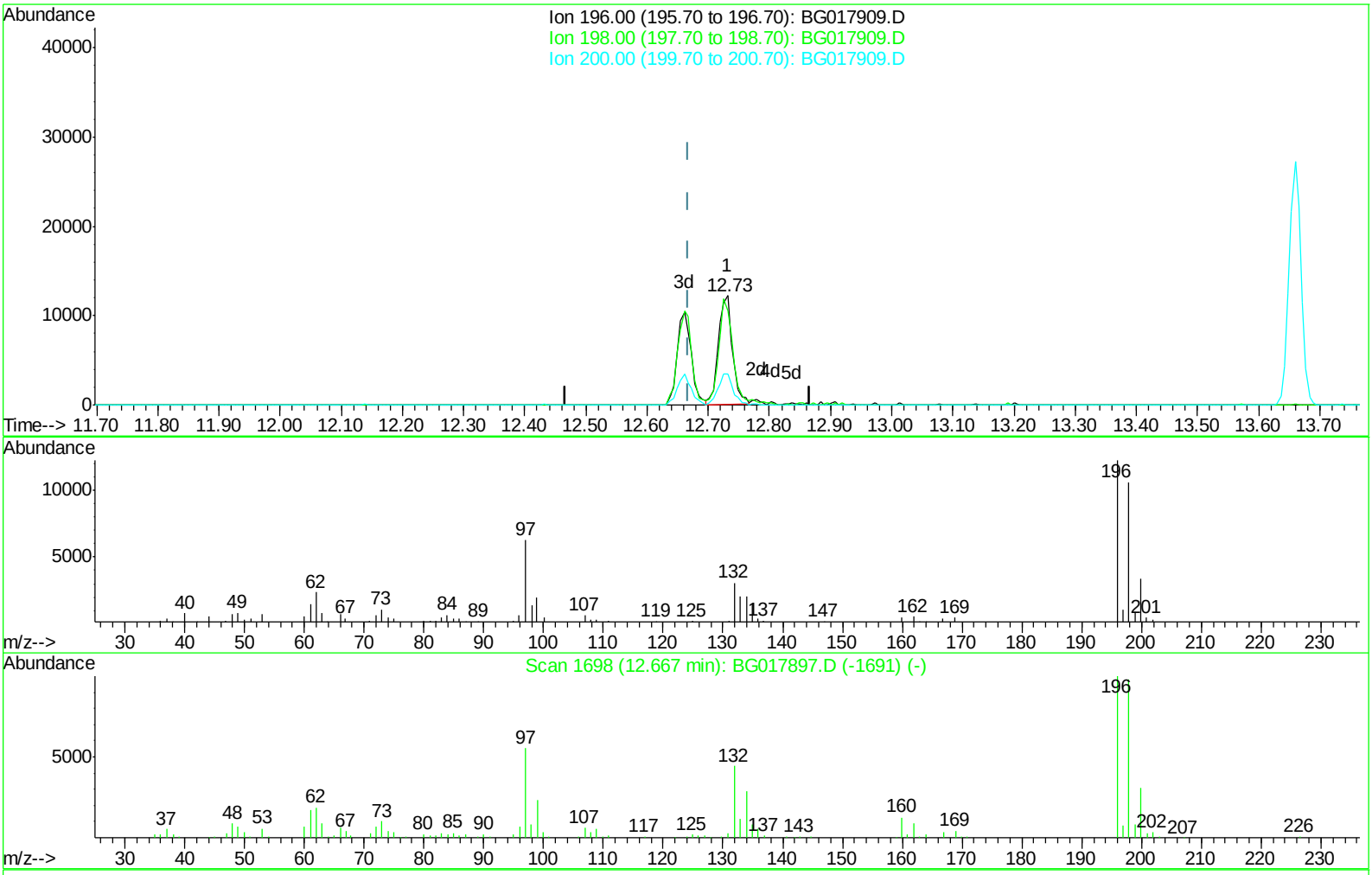

TIC: BG017909.D

(38) 2,4,6-Trichlorophenol (C)

12.731min (+0.064) 5.70ng/ul

response 19300

Ion	Exp%	Act%
196.00	100	100
198.00	86.20	86.65
200.00	27.80	27.96
0.00	0.00	0.00

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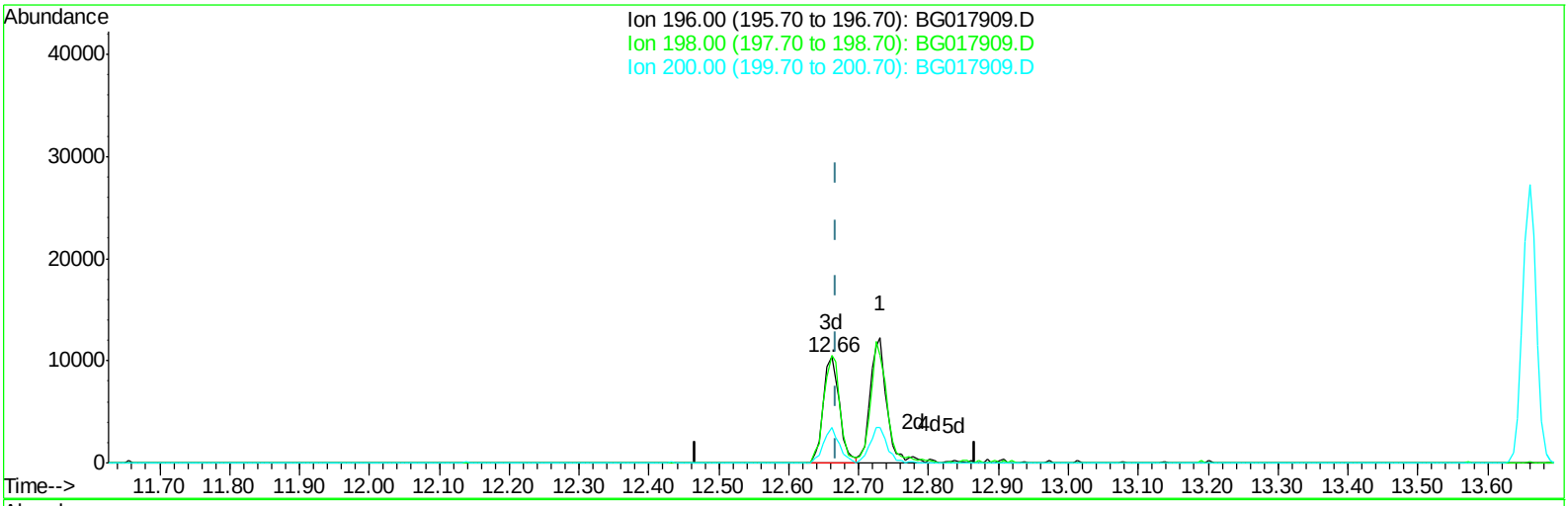

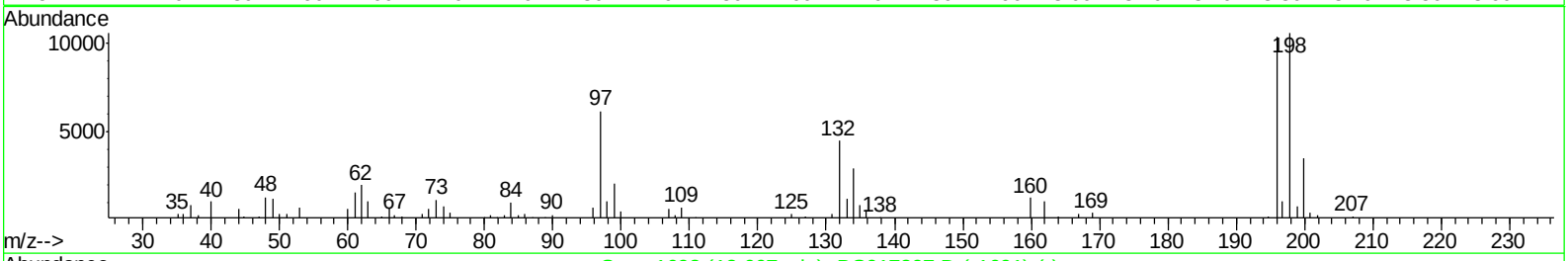

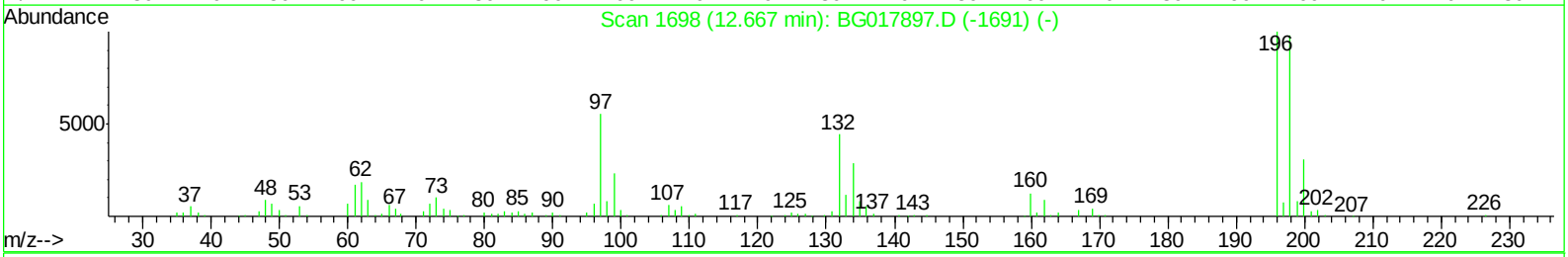

TIC: BG017909.D

(38) 2,4,6-Trichlorophenol (C)

12.661min (-0.006) 4.93ng/ul m

response 16692

Ion	Exp%	Act%
196.00	100	100
198.00	86.20	102.00
200.00	27.80	33.64#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BG017909.D
Acq On : 16 Jul 2015 7:09
Operator : TP/UM
Sample : MDL-07-S-ML
Misc : MDL-SOIL-SVOC-8PPM-MED LEVEL
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Jul 16 07:48:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

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

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	85445	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	390690	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	237396	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	508625	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	505823	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	475717	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	12552	5.26	ng/uL	0.00
5) Phenol-d5	6.76	99	213490	28.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	129706	25.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	186518	32.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	177487	31.42	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	92211	30.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	86394	37.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	158923	33.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	268118	39.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	556536	33.62	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	709559	32.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	92737	29.69	ng/ul	0.00
57) Fluorene-d10	15.24	176	524526	34.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	52027	21.86	ng/ul	0.00
70) Anthracene-d10	17.09	188	765784	33.22	ng/ul	0.00
78) Pyrene-d10	19.40	212	838566	35.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	755496	32.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	2490	0.97	ng/uL#	85
4) Benzaldehyde	6.73	77	25054	5.81	ng/ul	89
6) Phenol	6.79	94	38884	4.81	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.02	93	30831	4.68	ng/ul#	95
10) 2-Chlorophenol	7.15	128	31946	5.53	ng/ul#	88
11) 2-Methylphenol	8.03	108	27657	4.71	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.12	45	39336	4.11	ng/ul	96
14) Acetophenone	8.40	105	48332	5.14	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.39	70	24930	4.30	ng/ul#	88
16) 4-Methylphenol	8.35	108	31224	4.88	ng/ul	89
17) Hexachloroethane	8.65	117	13657	4.95	ng/ul#	80
20) Nitrobenzene	8.78	77	34132	4.24	ng/ul#	88
21) Isophorone	9.29	82	67763	4.50	ng/ul	100
23) 2-Nitrophenol	9.49	139	16316	6.00	ng/ul#	84
24) 2,4-Dimethylphenol	9.55	107	33964	4.89	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.79	93	40673	4.81	ng/ul	95
27) 2,4-Dichlorophenol	10.01	162	27829	5.88	ng/ul#	90
28) Naphthalene	10.42	128	107943	5.34	ng/ul	99
30) 4-Chloroaniline	10.53	127	41231	5.87	ng/ul	96
31) Hexachlorobutadiene	10.70	225	17027	5.71	ng/ul#	86
32) Caprolactam	11.30	113	10357m	2.98	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	29230	5.03	ng/ul#	85
34) 2-Methylnaphthalene	12.04	142	76193	5.56	ng/ul	94

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Instrument :
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Quant Time: Jul 16 07:48:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	34400	5.51 ng/ul#	89
37) Hexachlorocyclopentadiene	12.40	237	14177	4.37 ng/ul#	96
38) 2,4,6-Trichlorophenol	12.66	196	16692m	4.93 ng/ul	
39) 2,4,5-Trichlorophenol	12.73	196	19640	5.31 ng/ul	92
40) 1,1'-Biphenyl	13.07	154	99626	5.42 ng/ul#	91
41) 2-Chloronaphthalene	13.11	162	77017	5.46 ng/ul	91
42) 2-Nitroaniline	13.31	65	16213	3.92 ng/ul	95
44) Dimethylphthalate	13.71	163	101142	5.82 ng/ul	100
45) 2,6-Dinitrotoluene	13.82	165	15674	4.95 ng/ul	90
47) Acenaphthylene	13.96	152	129212	5.43 ng/ul	97
48) 3-Nitroaniline	14.15	138	16767	4.64 ng/ul#	93
49) Acenaphthene	14.31	153	85171	5.32 ng/ul	97
50) 2,4-Dinitrophenol	14.36	184	1804	1.35 ng/ul#	73
52) 4-Nitrophenol	14.46	109	11844	4.47 ng/ul	92
53) Dibenzofuran	14.64	168	117522	5.58 ng/ul	97
54) 2,4-Dinitrotoluene	14.61	165	22691	5.00 ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	14.87	232	15487	5.43 ng/ul#	84
56) Diethylphthalate	15.08	149	99918	5.58 ng/ul	96
58) Fluorene	15.29	166	101368	5.54 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.30	204	48092	5.66 ng/ul	94
60) 4-Nitroaniline	15.32	138	20495	4.77 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.38	198	10485	3.95 ng/ul	97
64) N-Nitrosodiphenylamine	15.51	169	81692	5.27 ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	26697	5.47 ng/ul	95
66) Hexachlorobenzene	16.30	284	30604	5.78 ng/ul#	89
67) Atrazine	16.47	200	26741	5.03 ng/ul	95
68) Pentachlorophenol	16.65	266	8146	3.10 ng/ul	97
69) Phenanthrene	17.04	178	154543	5.50 ng/ul	98
71) Anthracene	17.13	178	159266	5.54 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	32795	5.07 ng/uL	93
73) Pentachlorobenzene	14.56	250	37666	6.07 ng/uL	99
74) Carbazole	17.40	167	142025	5.66 ng/ul	98
75) Di-n-butylphthalate	17.98	149	169077	5.37 ng/ul#	96
76) Fluoranthene	19.07	202	168688	5.91 ng/ul	95
79) Pyrene	19.43	202	185956	5.97 ng/ul	96
80) Butylbenzylphthalate	20.35	149	61890	4.92 ng/ul#	84
81) 3,3'-Dichlorobenzidine	21.12	252	36874	4.86 ng/ul	99
82) Benzo(a)anthracene	21.18	228	162842	5.83 ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.13	149	82667	4.74 ng/ul	96
84) Chrysene	21.23	228	156481	5.84 ng/ul	98
86) Di-n-octyl phthalate	22.00	149	123980	4.45 ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	148469	5.66 ng/ul	97
88) Benzo(k)fluoranthene	22.79	252	148624	5.49 ng/ul#	95
90) Benzo(a)pyrene	23.31	252	150253	5.70 ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.65	276	153972	5.46 ng/ul	93
92) Dibenzo(a,h)anthracene	25.67	278	129298	5.39 ng/ul	94
93) Benzo(g,h,i)perylene	26.34	276	131508	5.57 ng/ul	96

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

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