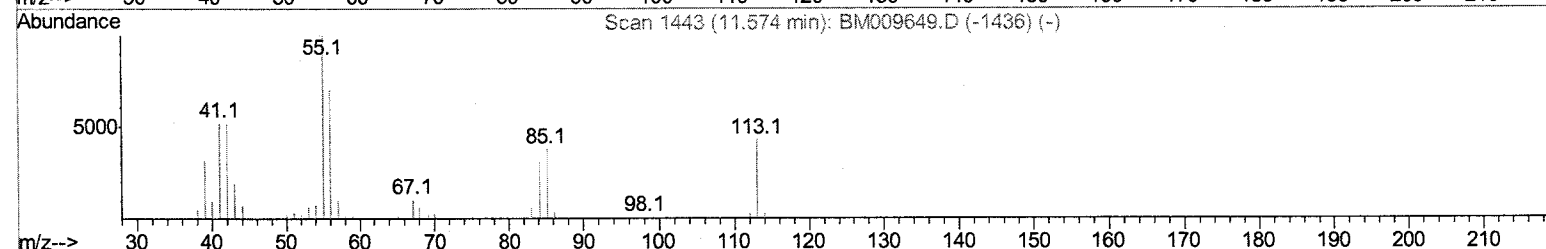
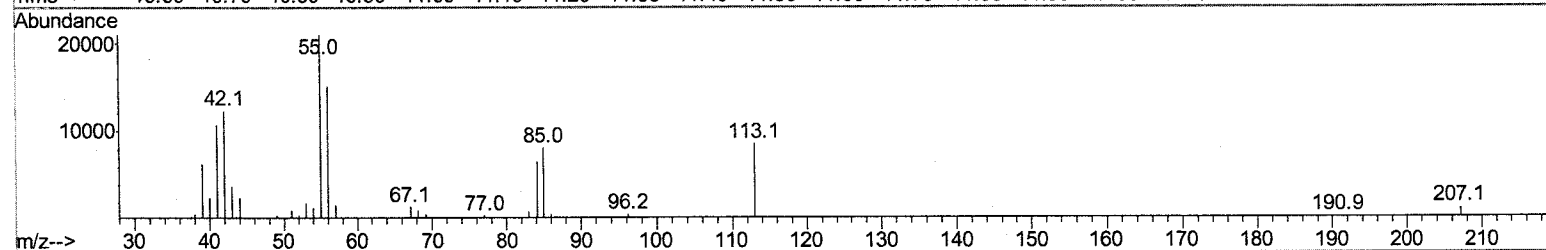
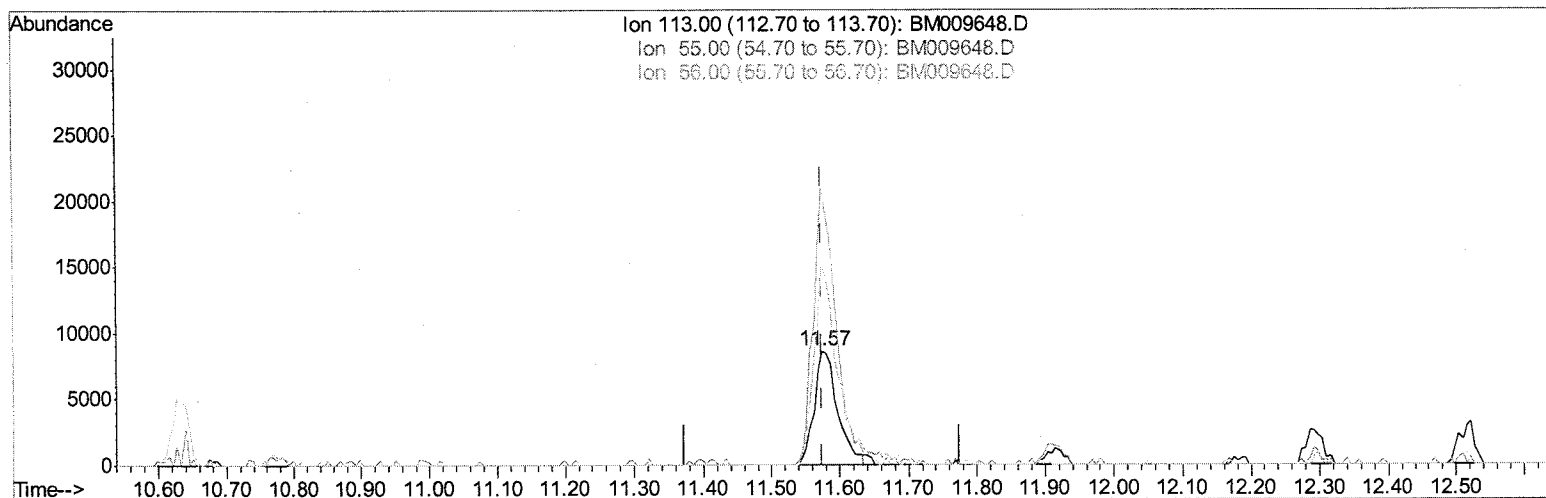


Data Path : Z:\HPCHEM1\BNA M\DATA\BM041717\
Data File : BM009648.D
Acq On : 17 Apr 2017 14:06
Operator : SJ/MA
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 17 15:48:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 17 15:45:01 2017
Response via : Initial Calibration



TIC: BM009648.D

(32) Caprolactam

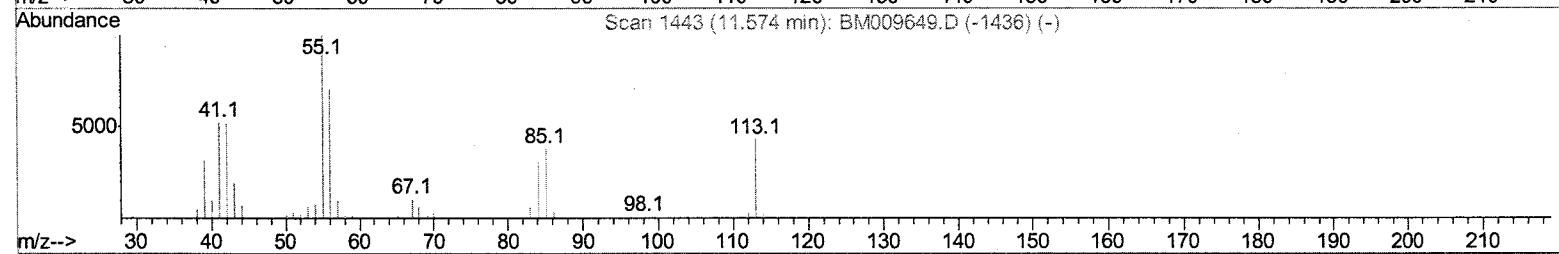
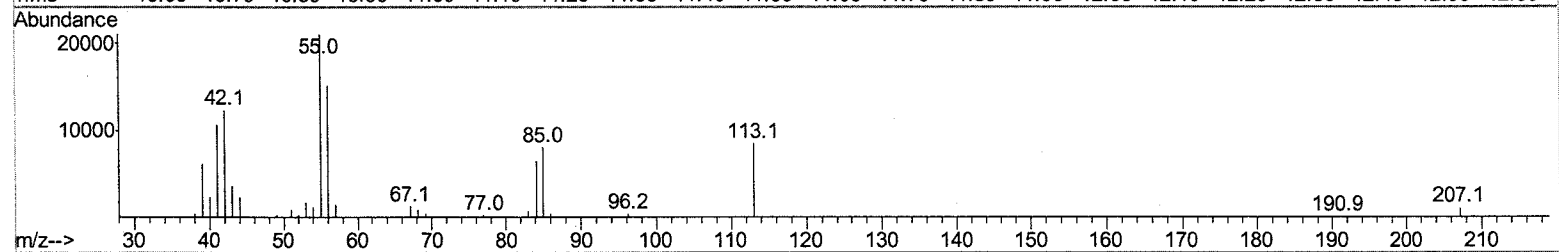
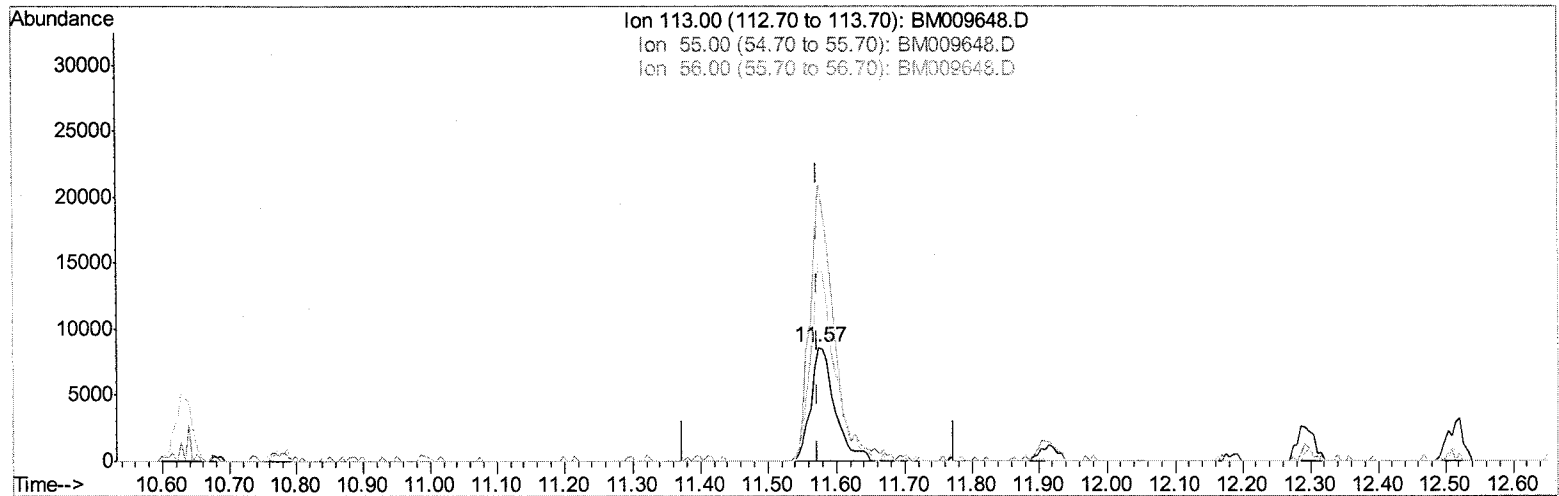
11.575min (+0.000) 9.43ng/ul

response 20298

Ion	Exp%	Manual Integration Abundance
113.00	100	100
55.00	236.60	243.04
56.00	207.20	175.32
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041717\
Data File : BM009648.D
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 17 15:45:01 2017
Response via : Initial Calibration



TIC: BM009648.D

(32) Caprolactam

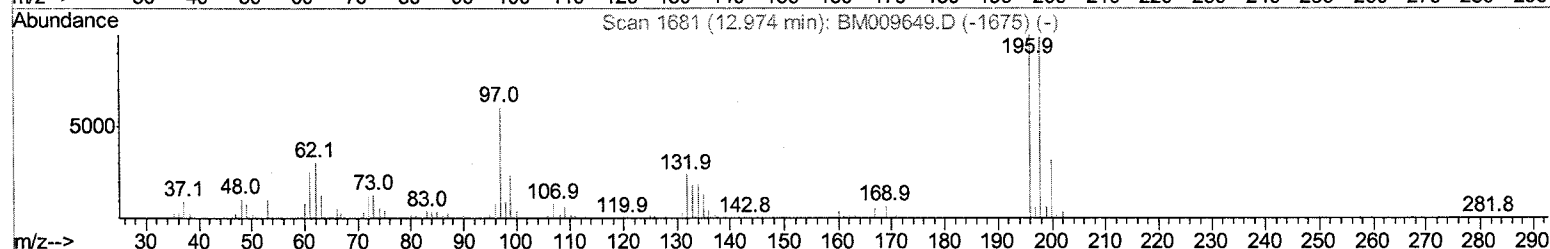
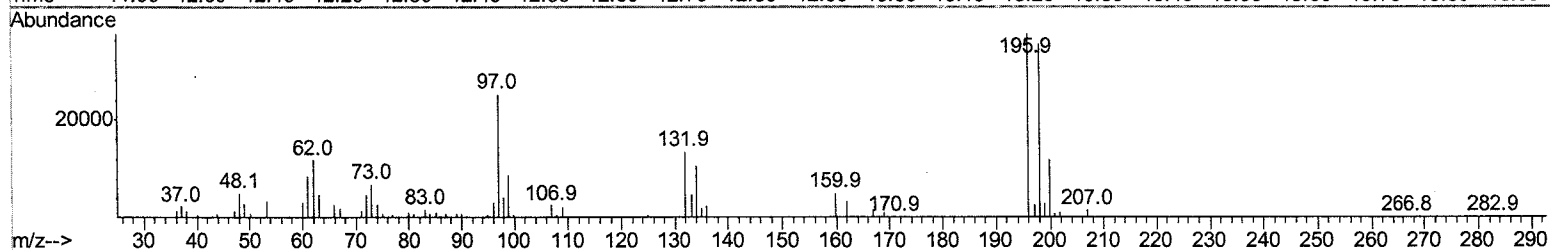
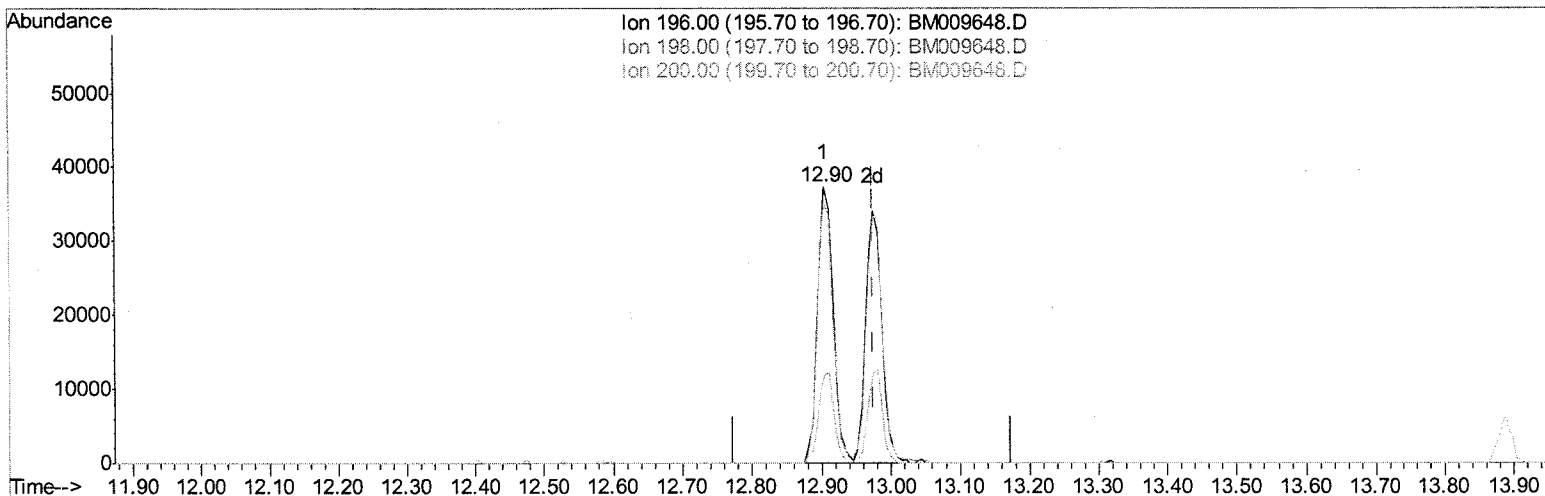
11.575min (+0.000) 9.66ng/ul m SJ 4/20/17

response 20789

Ion	Exp%	Manual Integration
113.00	100	100
55.00	236.60	243.04
56.00	207.20	175.32
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041717\
Data File : BM009648.D
Acq On : 17 Apr 2017 14:06
Operator : SJ/MA
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 17 15:48:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 17 15:45:01 2017
Response via : Initial Calibration



TIC: BM009648.D

(39) 2,4,5-Trichlorophenol

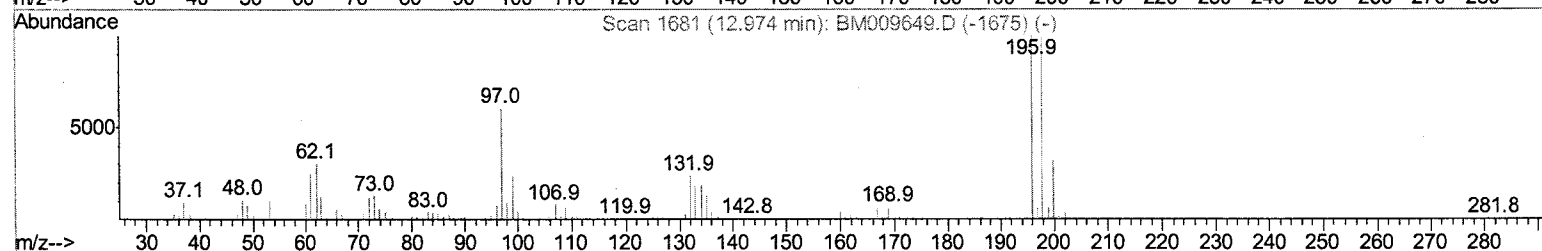
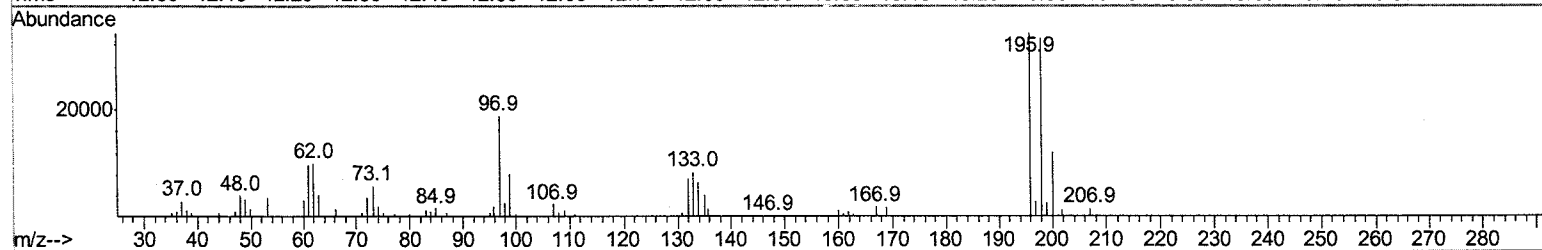
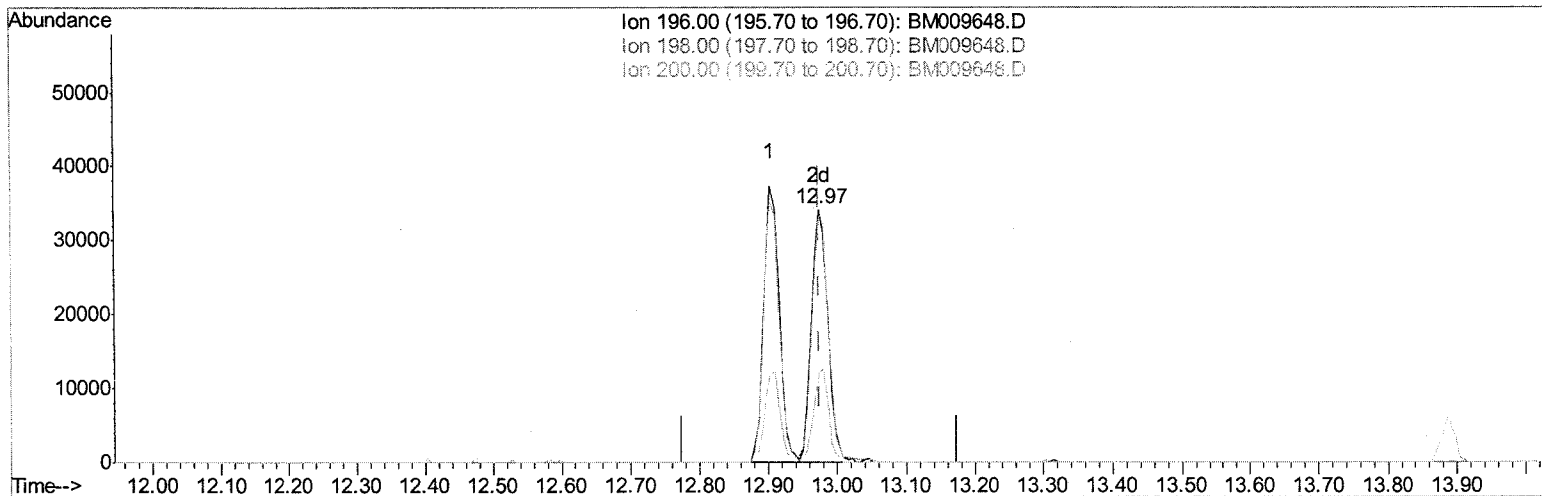
12.904min (-0.070) 11.32ng/ul

response 58498

Ion	Exp%	Manual Integration
196.00	100	100
198.00	90.30	94.26
200.00	28.10	32.05
0.00	0.00	0.00

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Data File : BM009648.D
Acq On : 17 Apr 2017 14:06
Operator : SJ/MA
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 17 15:48:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 17 15:45:01 2017
Response via : Initial Calibration



TIC: BM009648.D

(39) 2,4,5-Trichlorophenol

12.974min (+0.000) 10.81ng/ul m

SJ 4/20/17

response 55862

Ion	Exp%	Manual Integration
196.00	100	100
198.00	90.30	97.19
200.00	28.10	35.61#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041717\
 Data File : BM009648.D
 Acq On : 17 Apr 2017 14:06
 Operator : SJ/MA
 Sample : SSTD01002
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 17 15:55:32 2017

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Apr 17 15:45:01 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	116314	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	451773	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	255076	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	591498	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	736991	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	703707	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	12656	4.37	ng/uL	0.00
5) Phenol-d5	6.99	99	101567	9.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	69752	9.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	71523	10.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	72040	9.31	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	32058	9.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	34559	9.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	67931	9.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	82429	10.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	197674	11.51	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	243490	11.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	30723	10.24	ng/ul	0.00
57) Fluorene-d10	15.47	176	169578	10.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	31598	8.88	ng/ul	0.00
70) Anthracene-d10	17.33	188	270025	9.64	ng/ul	0.00
76) Pyrene-d10	19.62	212	299230	9.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	309180	9.68	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.35	88	14677	4.34 ng/uL#	70
4) Benzaldehyde	6.98	77	76370	9.64 ng/ul	91
6) Phenol	7.02	94	107071	9.62 ng/ul#	65
8) Bis(2-Chloroethyl)ether	7.26	93	83689	9.59 ng/ul#	76
10) 2-Chlorophenol	7.40	128	72733	9.94 ng/ul#	76
11) 2-Methylphenol	8.27	108	73565	9.54 ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.36	45	138470	9.62 ng/ul#	95
14) Acetophenone	8.66	105	125162	9.34 ng/ul#	70
15) N-Nitroso-di-n-propylamine	8.63	70	76158	9.26 ng/ul#	89
16) 4-Methylphenol	8.60	108	82289	9.82 ng/ul	89
17) Hexachloroethane	8.90	117	34813	9.82 ng/ul	93
20) Nitrobenzene	9.05	77	110351	9.66 ng/ul#	89
21) Isophorone	9.56	82	171873	9.04 ng/ul#	92
23) 2-Nitrophenol	9.75	139	38055	10.13 ng/ul#	54
24) 2,4-Dimethylphenol	9.80	107	90869	9.36 ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.04	93	108473	9.92 ng/ul	98
27) 2,4-Dichlorophenol	10.27	162	69539	9.69 ng/ul#	90
28) Naphthalene	10.68	128	224202	9.90 ng/ul	98
30) 4-Chloroaniline	10.80	127	85870	10.51 ng/ul	93
31) Hexachlorobutadiene	10.95	225	53164	8.87 ng/ul	99
32) Caprolactam	11.57	113	20789m	9.66 ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	79568	9.46 ng/ul#	94
34) 2-Methylnaphthalene	12.29	142	156844	9.27 ng/ul	100

SJ 4/20/17

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 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 17 15:45:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	89553	10.79	ng/ul#	91
37) Hexachlorocyclopentadiene	12.63	237	39525	7.39	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.90	196	58498	12.35	ng/ul	94
39) 2,4,5-Trichlorophenol	12.97	196	55862m	10.81	ng/ul	
40) 1,1'-Biphenyl	13.31	154	202973	11.54	ng/ul	93
41) 2-Chloronaphthalene	13.36	162	161565	11.79	ng/ul	93
42) 2-Nitroaniline	13.57	65	59614	11.41	ng/ul#	78
44) Dimethylphthalate	13.93	163	197868	11.51	ng/ul#	97
45) 2,6-Dinitrotoluene	14.06	165	36848	11.25	ng/ul#	73
47) Acenaphthylene	14.20	152	245243	11.87	ng/ul	97
48) 3-Nitroaniline	14.40	138	39459	12.28	ng/ul#	80
49) Acenaphthene	14.54	153	169524	11.48	ng/ul	94
50) 2,4-Dinitrophenol	14.62	184	19118	9.01	ng/ul#	68
52) 4-Nitrophenol	14.69	109	37257	9.70	ng/ul#	59
53) Dibenzofuran	14.88	168	239278	11.07	ng/ul	94
54) 2,4-Dinitrotoluene	14.86	165	57802	11.95	ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.10	232	52016	10.89	ng/ul#	94
56) Diethylphthalate	15.30	149	203593	11.57	ng/ul#	96
58) Fluorene	15.53	166	205848	11.43	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.52	204	106924	10.98	ng/ul	95
60) 4-Nitroaniline	15.56	138	42521	11.89	ng/ul#	33
63) 4,6-Dinitro-2-methylphenol	15.62	198	30985	8.29	ng/ul#	86
64) N-Nitrosodiphenylamine	15.74	169	172096	9.97	ng/ul	97
65) 4-Bromophenyl-phenylether	16.42	248	64494	9.56	ng/ul#	86
66) Hexachlorobenzene	16.53	284	71289	9.64	ng/ul	95
67) Atrazine	16.69	200	65199	9.61	ng/ul	93
68) Pentachlorophenol	16.88	266	38481	8.40	ng/ul#	77
69) Phenanthrene	17.27	178	308362	9.43	ng/ul	98
71) Anthracene	17.36	178	321450	9.64	ng/ul	99
72) Carbazole	17.64	167	271696	9.20	ng/ul	100
73) Di-n-butylphthalate	18.19	149	336859	10.07	ng/ul#	96
74) Fluoranthene	19.29	202	378340	9.57	ng/ul#	90
77) Pvrene	19.65	202	401251	9.75	ng/ul#	88
78) Butylbenzylphthalate	20.54	149	163952	11.07	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.33	252	141460	10.03	ng/ul	97
80) Benzo(a)anthracene	21.40	228	413804	9.84	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.30	149	242830	11.31	ng/ul	96
82) Chrysene	21.45	228	380468	9.52	ng/ul	98
84) Di-n-octylphthalate	22.20	149	424191	10.47	ng/ul#	93
85) Benzo(b)fluoranthene	23.03	252	400864	9.47	ng/ul#	92
86) Benzo(k)fluoranthene	23.07	252	401907	10.09	ng/ul#	98
88) Benzo(a)pyrene	23.63	252	403546	10.05	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	472200	10.36	ng/ul#	85
90) Dibenzo(a,h)anthracene	26.10	278	385986	9.94	ng/ul#	91
91) Benzo(g,h,i)perylene	26.83	276	387359	10.27	ng/ul#	90

SJ 4/20/17

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