Quantitation Report (Qedit)

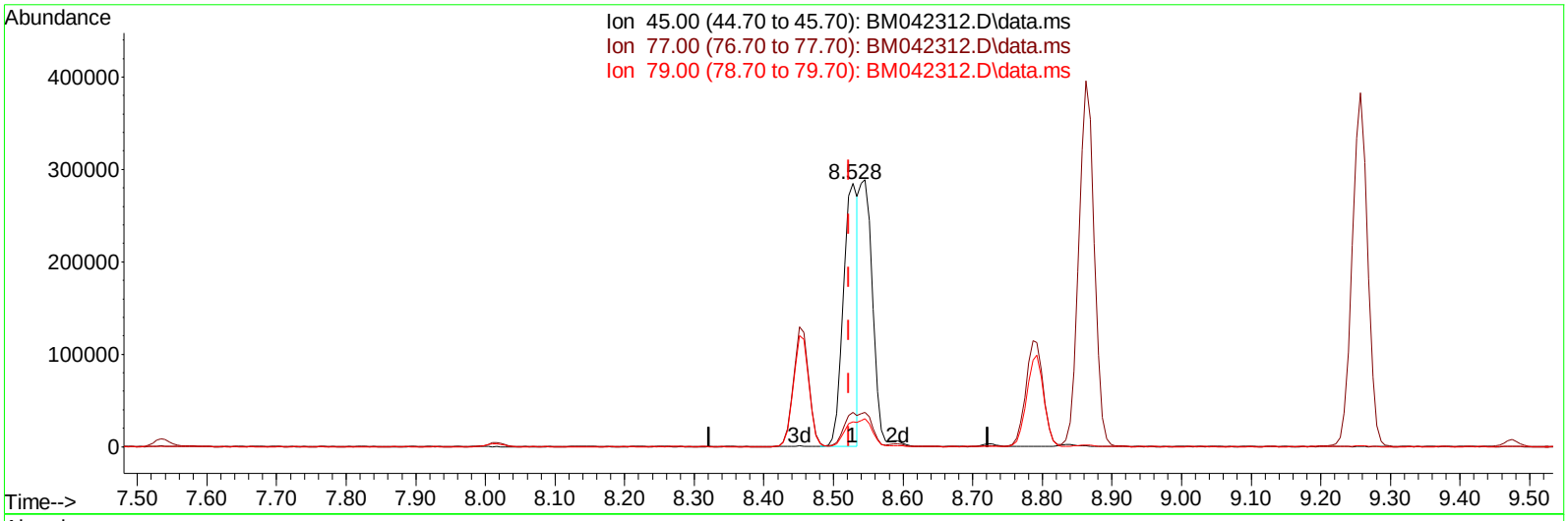
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101623\
Data File : BM042312.D
Acq On : 17 Oct 2023 00:29
Operator : MA/JU
Sample : PB156404BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

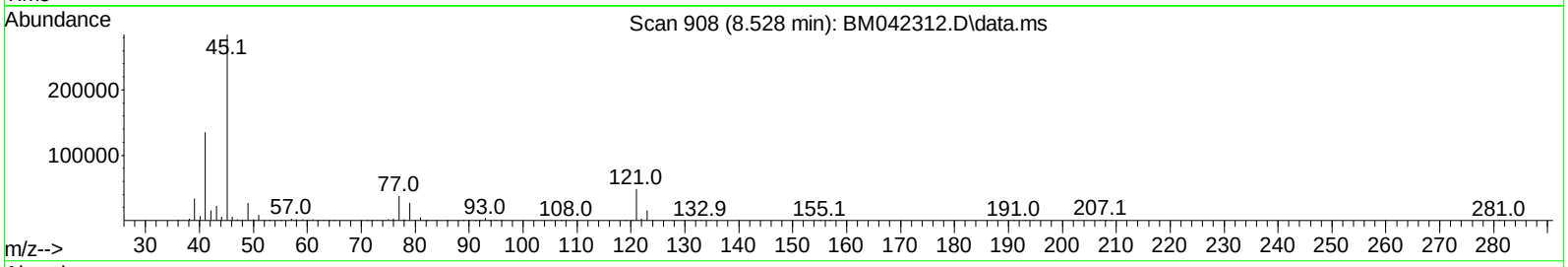
Quant Time: Oct 17 09:58:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:38:21 2023
Response via : Initial Calibration

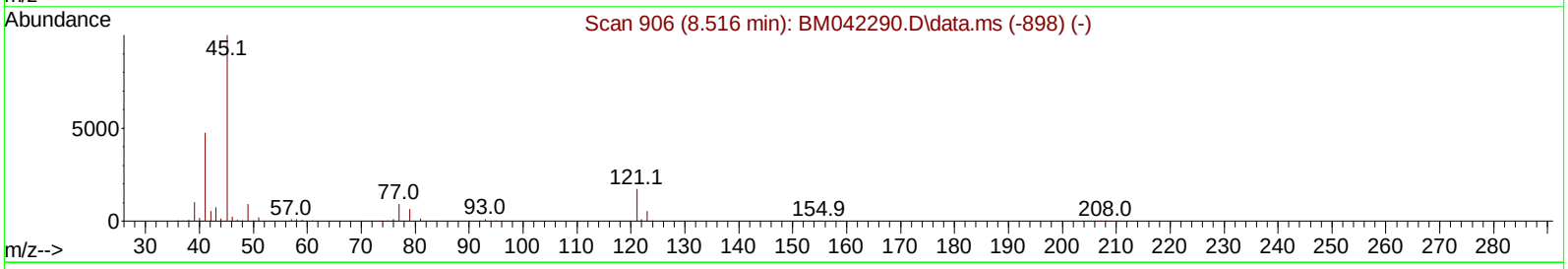
Instrument :
BNA_M
ClientSampleId :
SLCS404

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023







TIC: BM042312.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.528min (+ 0.006) 16.51 ng/ul

response 412509

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.10	13.14
79.00	9.10	9.52
0.00	0.00	0.00

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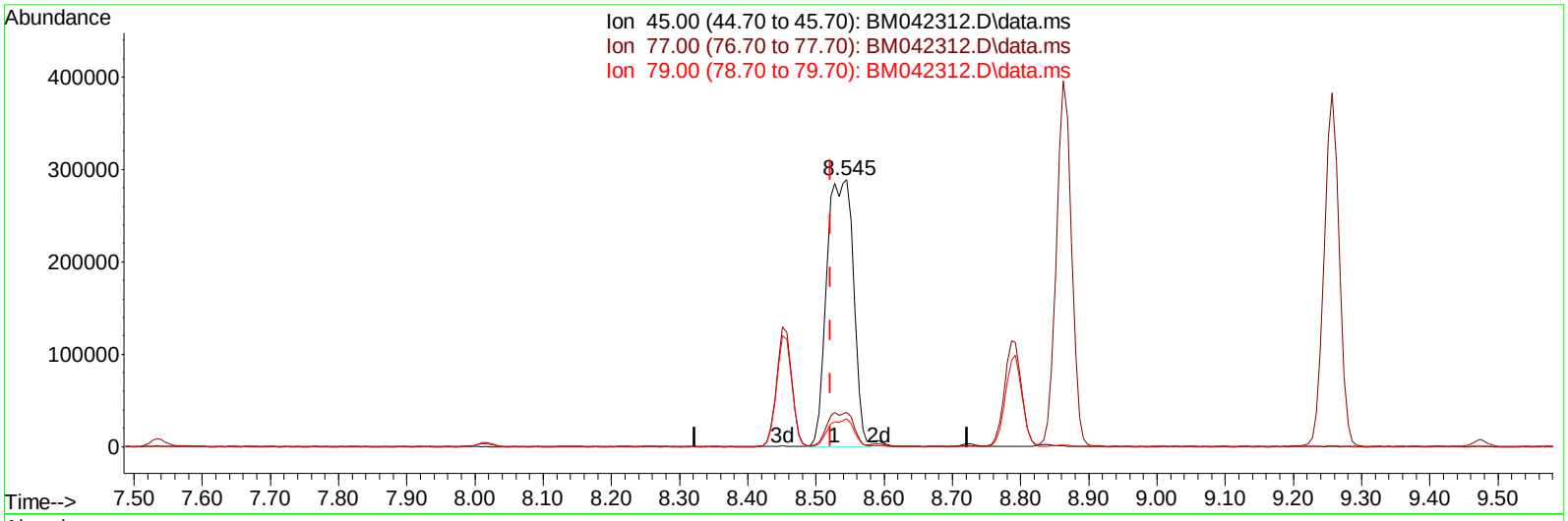

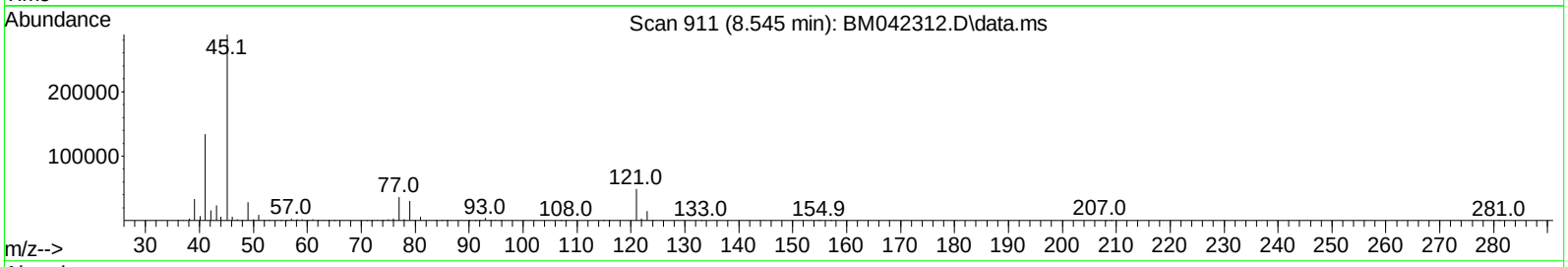

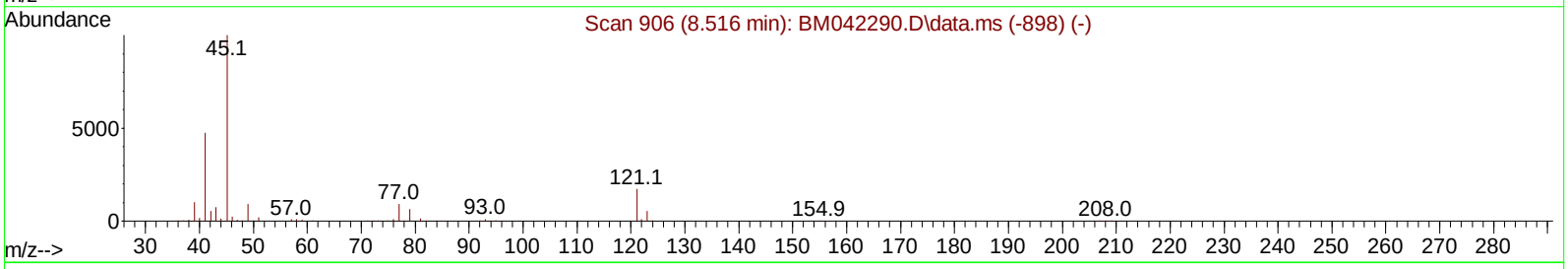

TIC: BM042312.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.545min (+ 0.024) 31.44 ng/ul m

response 785319

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.10	12.77
79.00	9.10	10.52
0.00	0.00	0.00

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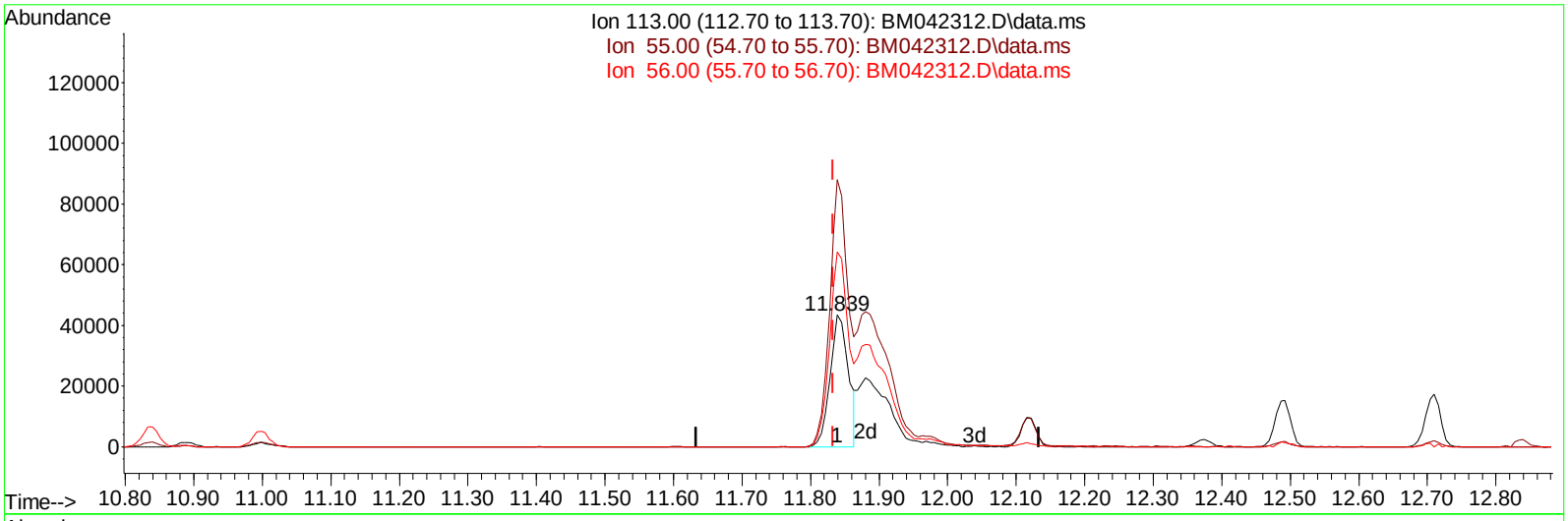

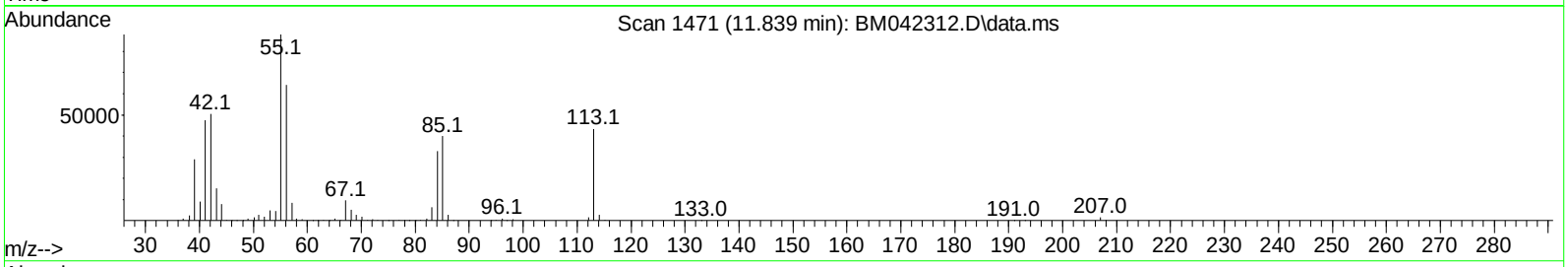

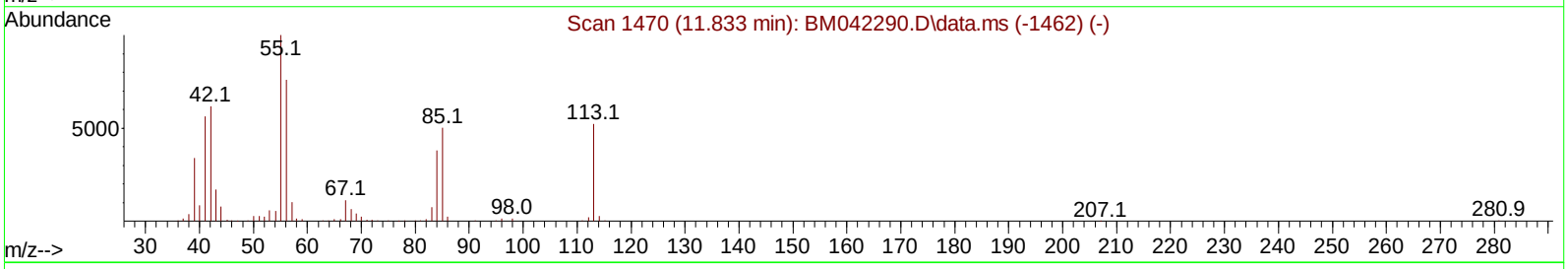

TIC: BM042312.D\data.ms

(34) Caprolactam

11.839min (+ 0.006) 18.76 ng/ul

response 80653

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.60	202.64
56.00	155.20	148.01
0.00	0.00	0.00

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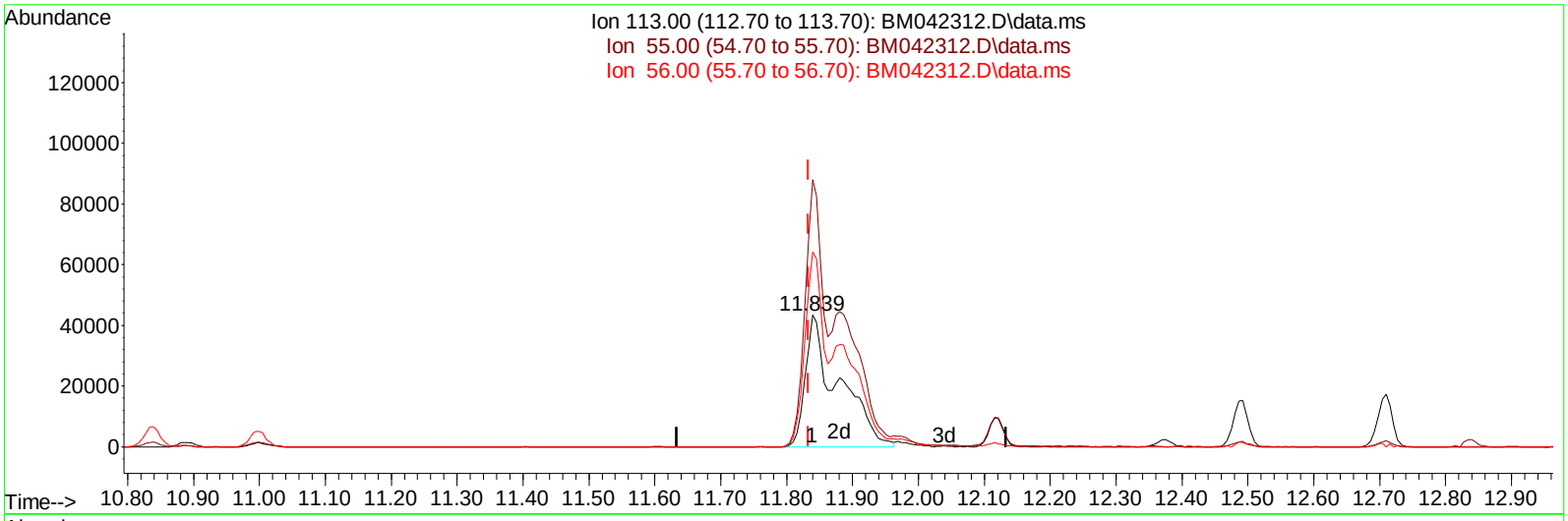

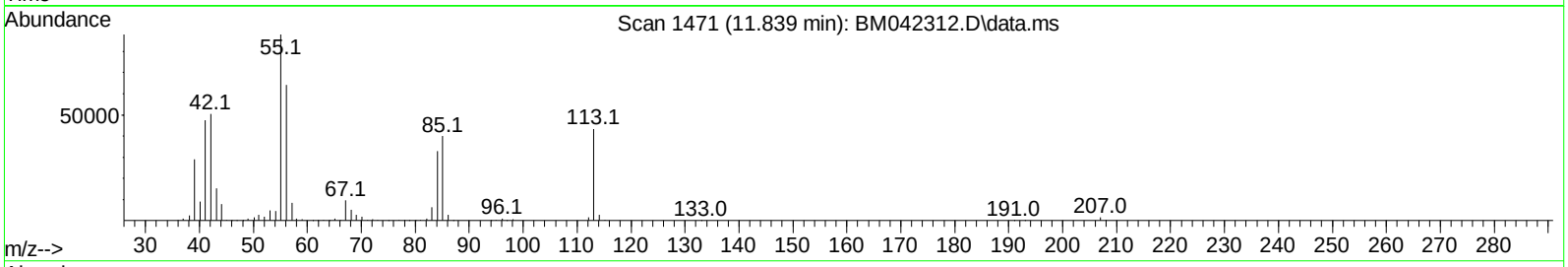

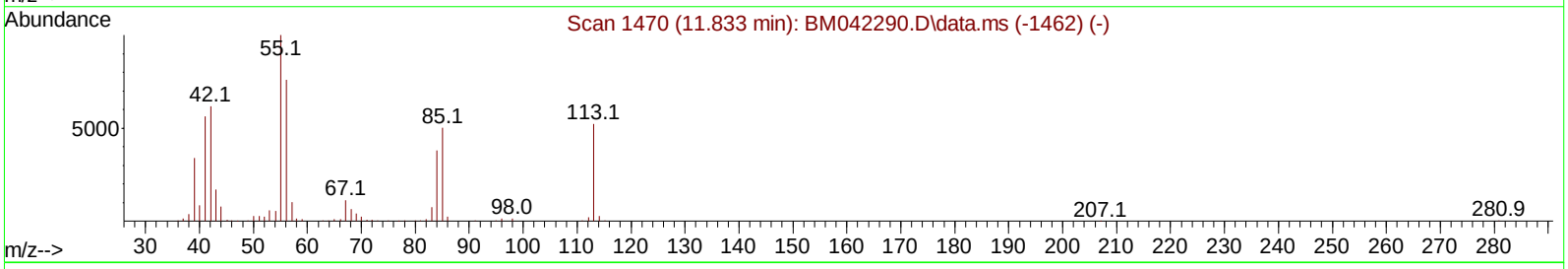

TIC: BM042312.D\data.ms

(34) Caprolactam

11.839min (+ 0.006) 35.21 ng/ul m

response 151414

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.60	202.64
56.00	155.20	148.01
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	157632	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	727780	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	442929	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	930720	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	898638	20.000	ng/ul	0.00
88) Perylene-d12	24.062	264	853604	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	32566	6.455	ng/uL	0.00
4) Pyridine-d5	3.805	84	496850	33.253	ng/ul	0.00
7) Phenol-d5	7.163	99	600375	34.367	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	398756	33.781	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	427588	35.580	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	470836	34.032	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	219166	35.459	ng/ul	0.00
24) 2-Nitrophenol-d4	9.928	143	235618	35.660	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	418473	34.706	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	590260	31.091	ng/ul	0.00
46) Dimethylphthalate-d6	14.074	166	1325309	34.517	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	1487988	35.409	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	267206	34.600	ng/ul	0.00
60) Fluorene-d10	15.645	176	1100983	34.882	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	226110	34.680	ng/ul	0.00
73) Anthracene-d10	17.510	188	1691454	35.477	ng/ul	0.00
81) Pyrene-d10	19.798	212	2037560	37.202	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.903	264	1800326	38.425	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	66697	12.061	ng/uL	99
5) Pyridine	3.822	79	486986	31.483	ng/ul	97
6) Benzaldehyde	7.175	77	307214	34.401	ng/ul	97
8) Phenol	7.193	94	604692	34.274	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.451	93	484986	33.103	ng/ul	97
12) 2-Chlorophenol	7.569	128	427776	34.079	ng/ul	100
13) 2-Methylphenol	8.451	108	439846	33.404	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.545	45	785319m	31.439	ng/ul	
16) Acetophenone	8.863	105	723161	33.670	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.839	70	425129	33.443	ng/ul	99
18) 4-Methylphenol	8.787	108	488831	33.686	ng/ul	100
19) Hexachloroethane	9.081	117	179476	33.890	ng/ul	98
22) Nitrobenzene	9.257	77	593067	33.925	ng/ul	99
23) Isophorone	9.769	82	1150557	33.942	ng/ul	100
25) 2-Nitrophenol	9.957	139	248017	34.302	ng/ul	97
26) 2,4-Dimethylphenol	9.992	107	464391	30.221	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.251	93	694147	32.750	ng/ul	99
29) 2,4-Dichlorophenol	10.475	162	401182	34.066	ng/ul	99
30) Naphthalene	10.886	128	1411939	33.096	ng/ul	99
32) 4-Chloroaniline	11.022	127	502579	27.388	ng/ul	98
33) Hexachlorobutadiene	11.116	225	231911	34.115	ng/ul	98
34) Caprolactam	11.839	113	151414m	35.213	ng/ul	
35) 4-Chloro-3-methylphenol	12.116	107	503187	34.689	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.492	142	947315	32.441	ng/ul	99
37) 1-Methylnaphthalene	12.710	142	972573	32.953	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.839	216	474085	33.992	ng/ul	97
40) Hexachlorocyclopentadiene	12.786	237	251480	27.861	ng/ul	97
41) 2,4,6-Trichlorophenol	13.092	196	273585	29.340	ng/ul	97
42) 2,4,5-Trichlorophenol	13.157	196	316034	31.569	ng/ul	99
43) 1,1'-Biphenyl	13.492	154	1257601	33.128	ng/ul	98
44) 2-Chloronaphthalene	13.545	162	964527	33.147	ng/ul	99
45) 2-Nitroaniline	13.774	65	381334	36.452	ng/ul	100
47) Dimethylphthalate	14.121	163	1252671	32.786	ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	250700	36.246	ng/ul	93
50) Acenaphthylene	14.386	152	1540814	31.749	ng/ul	100
51) 3-Nitroaniline	14.604	138	275625	33.807	ng/ul	100
52) Acenaphthene	14.721	153	1073832	32.938	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	146926	31.384	ng/ul	97
55) 4-Nitrophenol	14.886	109	213153	34.024	ng/ul	97
56) Dibenzofuran	15.057	168	1458658	33.305	ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	367053	35.990	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.268	232	218058	25.955	ng/ul	96
59) Diethylphthalate	15.468	149	1305852	33.483	ng/ul	98
61) Fluorene	15.704	166	1218466	33.543	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	597796	34.083	ng/ul	99
63) 4-Nitroaniline	15.768	138	276615	37.937	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.792	198	215748	31.642	ng/ul#	99
67) N-Nitrosodiphenylamine	15.916	169	1019307	34.424	ng/ul	98
68) 4-Bromophenyl-phenylether	16.592	248	350625	35.025	ng/ul	95
69) Hexachlorobenzene	16.674	284	394395	34.651	ng/ul	96
71) Pentachlorophenol	17.033	266	153663	19.924	ng/ul	98
72) Phenanthrene	17.451	178	1938033	33.946	ng/ul	100
74) Anthracene	17.545	178	1942871	33.833	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	481151	34.891	ng/uL	99
76) Pentachlorobenzene	14.951	250	465573	34.384	ng/uL	97
77) Carbazole	17.827	167	1805867	34.523	ng/ul	100
78) Di-n-butylphthalate	18.351	149	2330419	35.195	ng/ul	100
80) Fluoranthene	19.462	202	2317123	35.726	ng/ul	96
82) Pyrene	19.827	202	2428684	35.618	ng/ul	98
83) Butylbenzylphthalate	20.703	149	1079852	37.152	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.509	252	717557	33.427	ng/ul	98
85) Benzo(a)anthracene	21.574	228	2309891	33.884	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	1604666	37.366	ng/ul#	98
87) Chrysene	21.627	228	2143508	34.191	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	2768558	40.154	ng/ul	100
90) Benzo(b)fluoranthene	23.297	252	2156125	37.172	ng/ul	98
91) Benzo(k)fluoranthene	23.350	252	2147515	37.435	ng/ul	98
93) Benzo(a)pyrene	23.956	252	1842491	33.945	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.668	276	2191346	33.241	ng/ul	99
95) Dibenzo(a,h)anthracene	26.685	278	1824672	33.366	ng/ul	97
96) Benzo(g,h,i)perylene	27.479	276	1690251	32.776	ng/ul	98

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

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