Quantitation Report (Qedit)

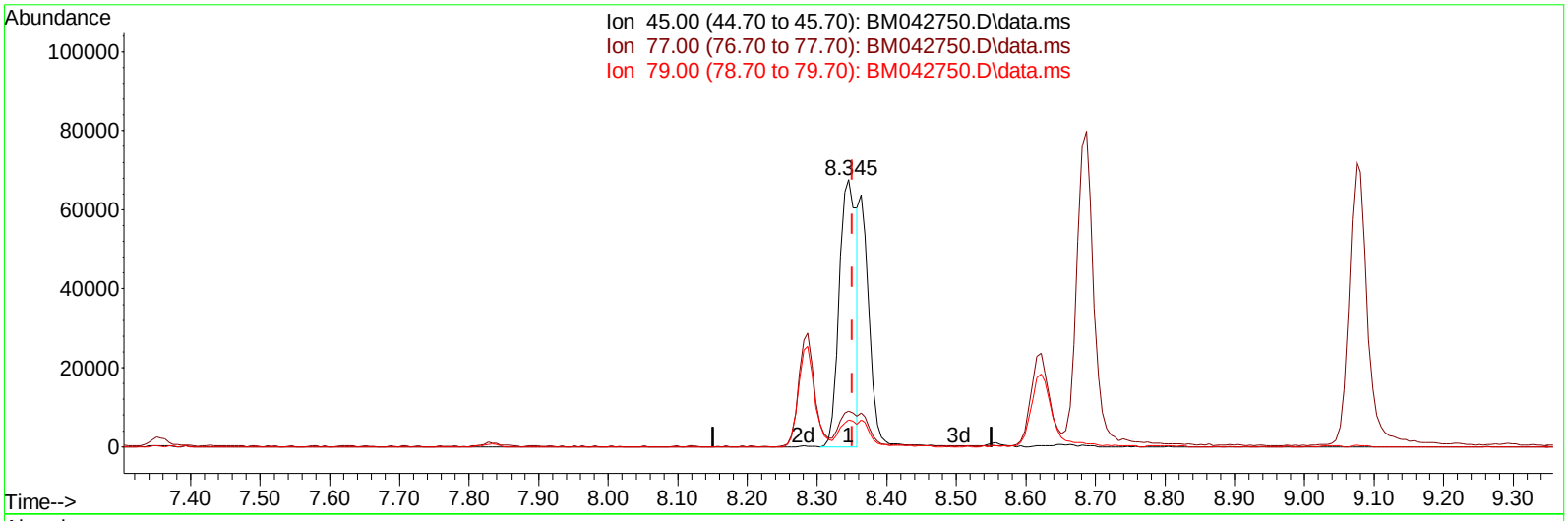
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042750.D
Acq On : 15 Nov 2023 00:59
Operator : MA/JU
Sample : PB156765BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

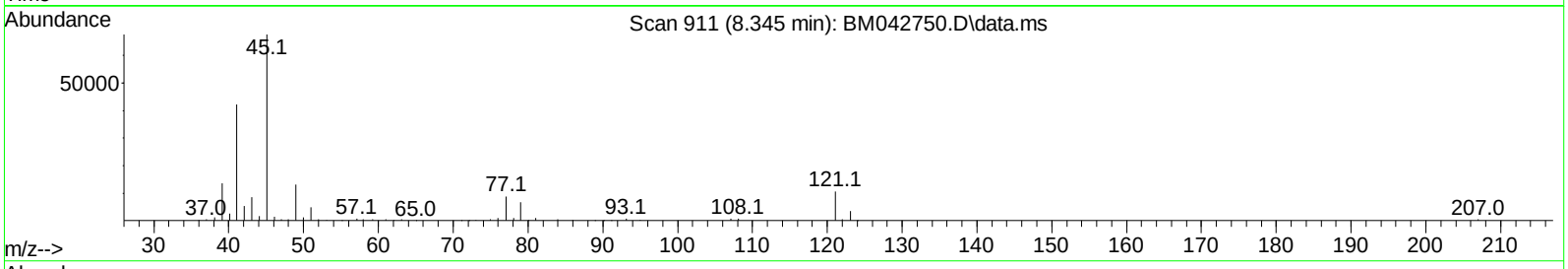
Quant Time: Nov 15 03:36:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 00:02:28 2023
Response via : Initial Calibration

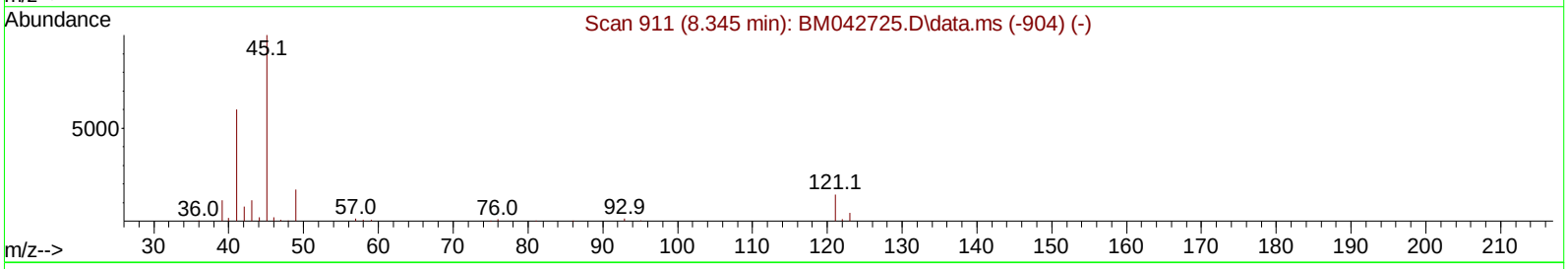
Instrument :
BNA_M
ClientSampleId :
SLCS765

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023







TIC: BM042750.D\data.ms

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

8.345min (-0.006) 31.75 ng/ul

response 117884

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.23
79.00	10.20	10.15
0.00	0.00	0.00

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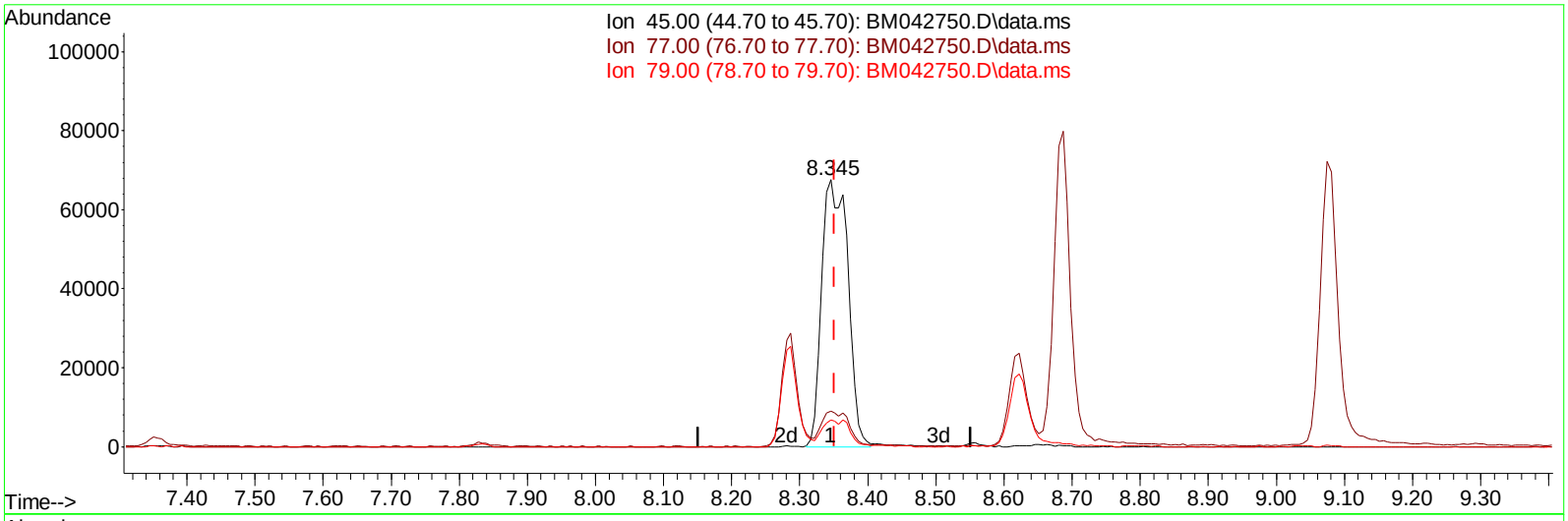

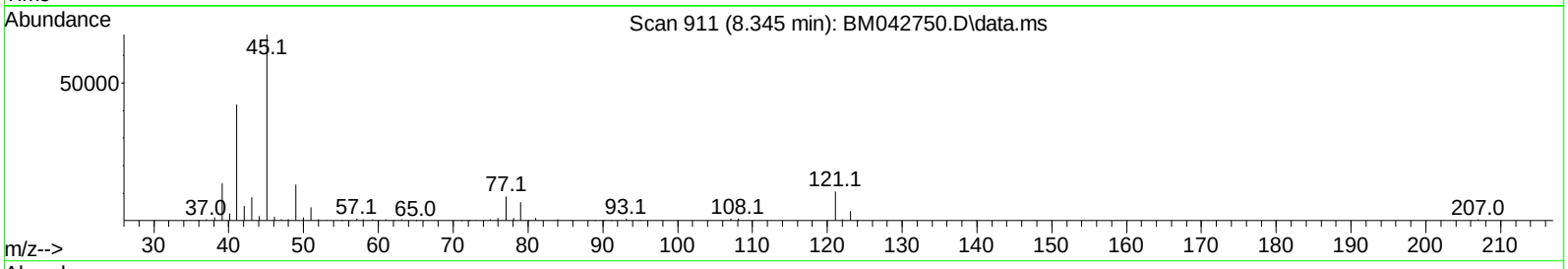

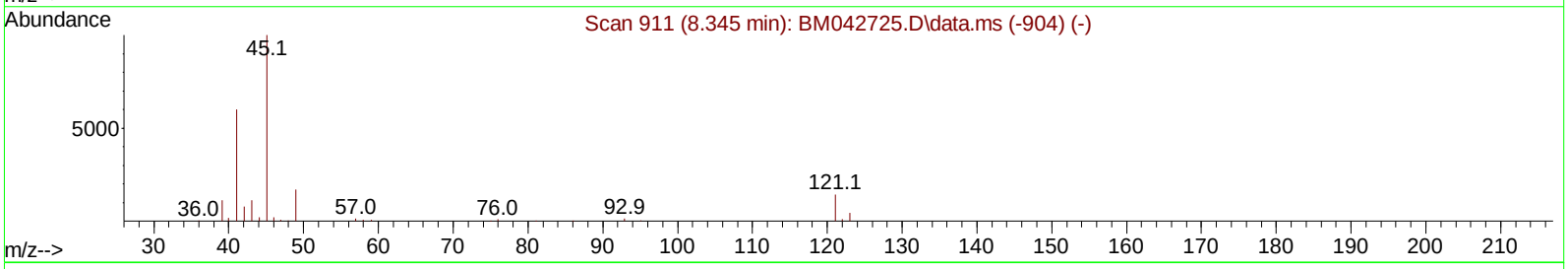

TIC: BM042750.D\data.ms

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

8.345min (-0.006) 48.39 ng/ul m

response 179650

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.23
79.00	10.20	10.15
0.00	0.00	0.00

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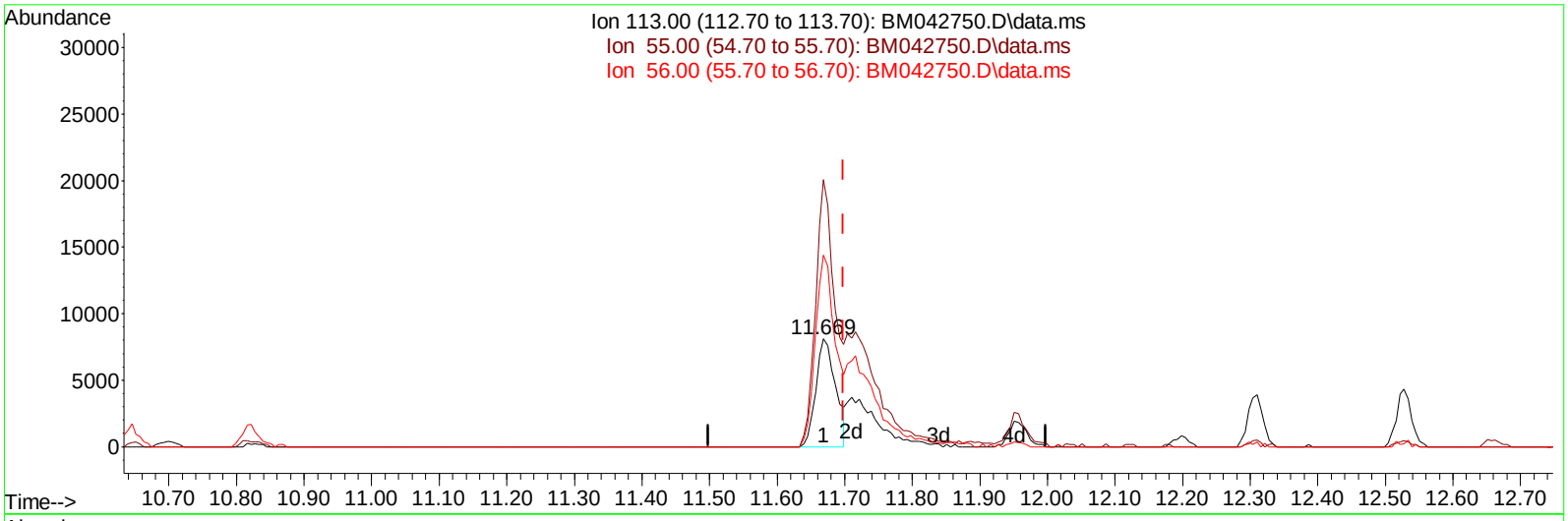

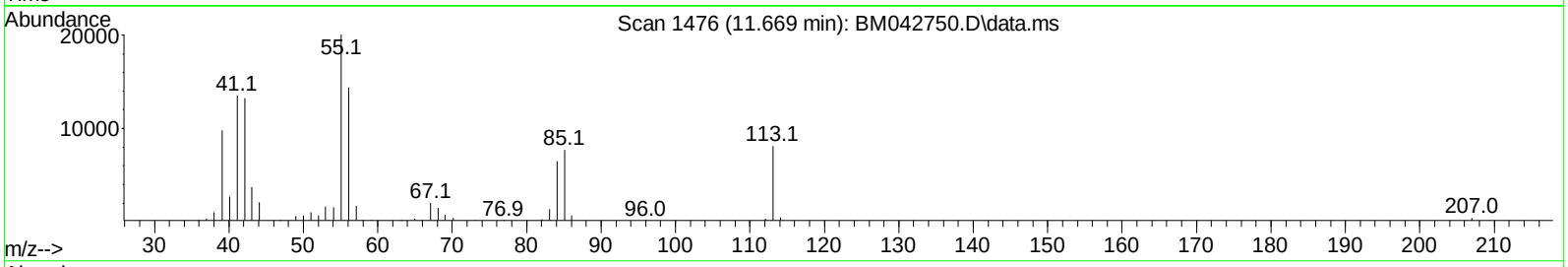

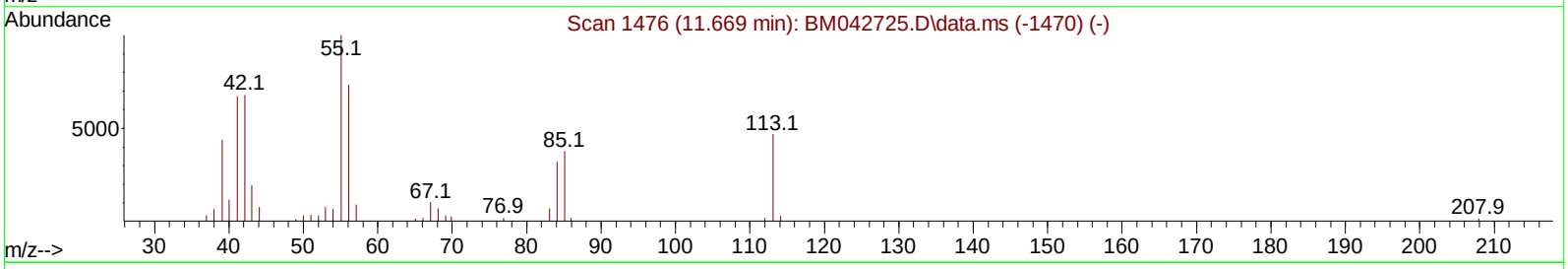

TIC: BM042750.D\data.ms

(34) Caprolactam

11.669min (-0.029) 28.80 ng/ul

response 16437

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	246.57
56.00	167.90	176.76
0.00	0.00	0.00

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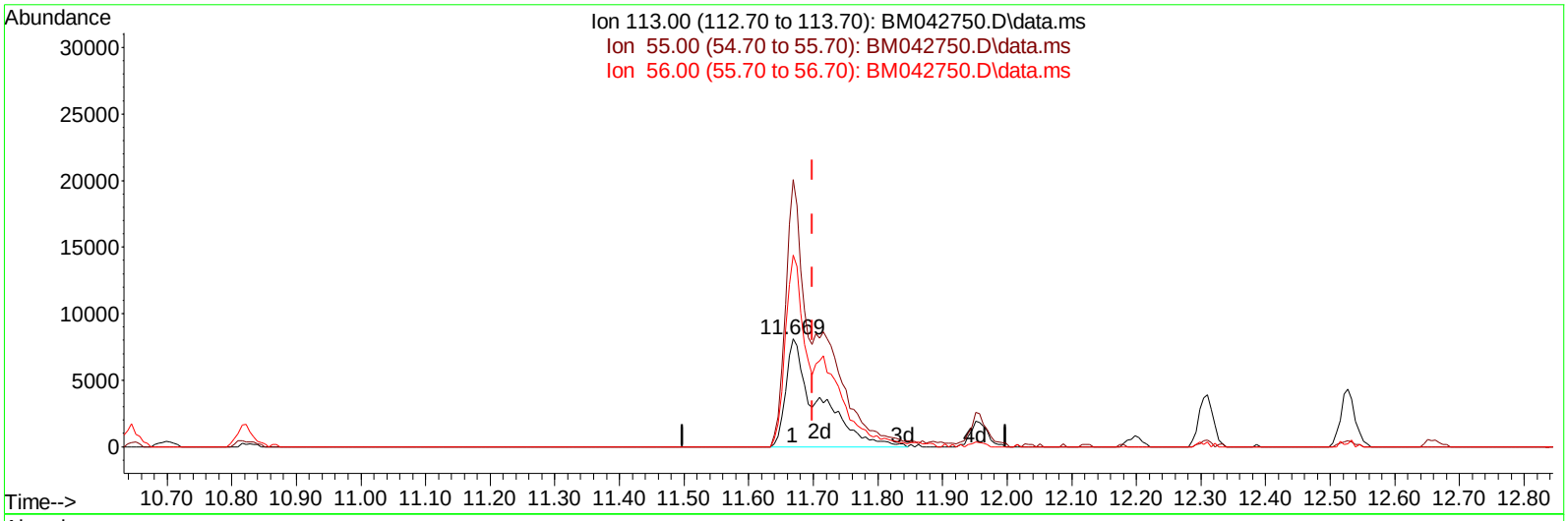

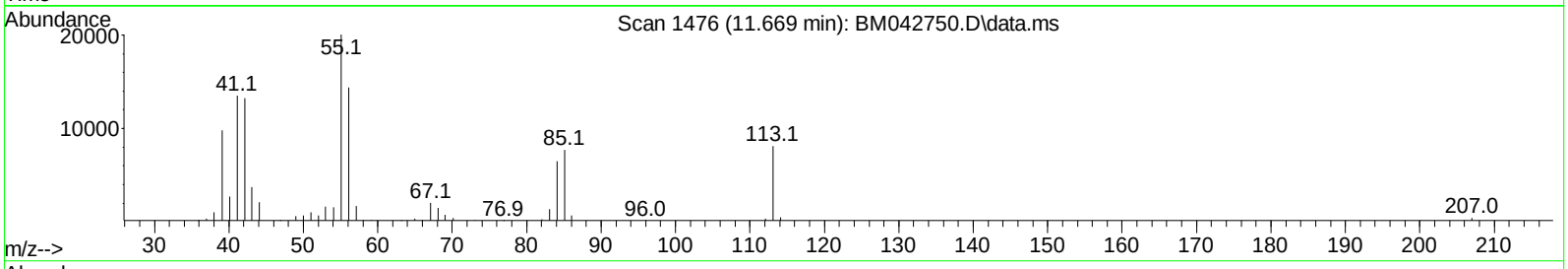

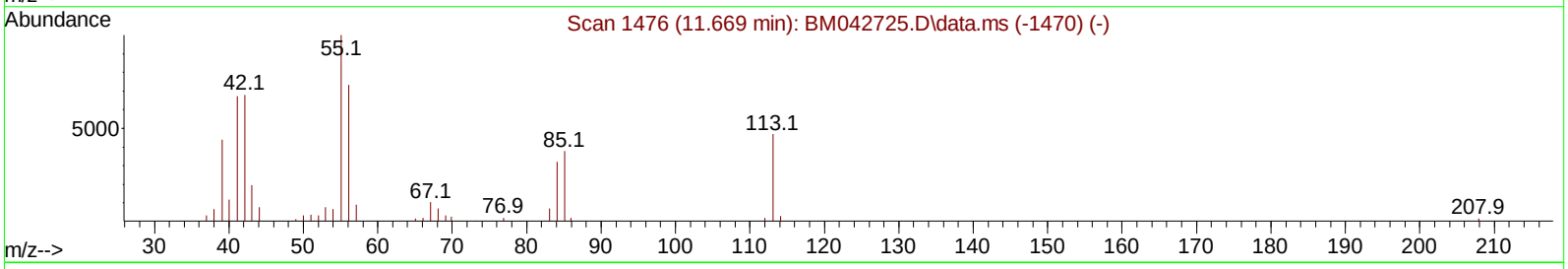

TIC: BM042750.D\data.ms

(34) Caprolactam

11.669min (-0.029) 49.93 ng/ul m

response 28499

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	246.57
56.00	167.90	176.76
0.00	0.00	0.00

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Quant Time: Nov 15 04:44:24 2023
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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	7.834	152	25502	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	106619	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.486	164	71045	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.239	188	158832	20.000	ng/ul	-0.01
79) Chrysene-d12	21.421	240	176266	20.000	ng/ul	-0.01
88) Perylene-d12	23.786	264	184321	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	6692	8.234	ng/uL	0.00
4) Pyridine-d5	3.616	84	90305	44.669	ng/ul	-0.01
7) Phenol-d5	6.998	99	111194	44.800	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	81720	46.857	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	83405	43.551	ng/ul	0.00
15) 4-Methylphenol-d8	8.557	113	83699	42.829	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	39601	42.364	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	44759	40.931	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	88119	43.338	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	101003	39.123	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	283727	42.197	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	305468	42.460	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.739	143	33558	44.175	ng/ul	0.00
60) Fluorene-d10	15.480	176	238462	42.828	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.627	200	50837	42.255	ng/ul	-0.01
73) Anthracene-d10	17.339	188	371909	41.781	ng/ul	-0.01
81) Pyrene-d10	19.633	212	493808	42.781	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.633	264	501360	45.474	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	14920	17.238	ng/uL#	88
5) Pyridine	3.634	79	98612	44.858	ng/ul	95
6) Benzaldehyde	6.998	77	70903	49.791	ng/ul	91
8) Phenol	7.028	94	115839	46.921	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.275	93	94716	46.445	ng/ul	94
12) 2-Chlorophenol	7.387	128	86878	45.583	ng/ul	90
13) 2-Methylphenol	8.287	108	81592	44.319	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.345	45	179650m	48.392	ng/ul	
16) Acetophenone	8.687	105	142849	43.471	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.651	70	90749	45.366	ng/ul	91
18) 4-Methylphenol	8.622	108	91007	45.468	ng/ul	96
19) Hexachloroethane	8.887	117	46687	43.949	ng/ul	88
22) Nitrobenzene	9.075	77	131674	46.606	ng/ul	99
23) Isophorone	9.581	82	249820	44.397	ng/ul	97
25) 2-Nitrophenol	9.775	139	48613	43.755	ng/ul	93
26) 2,4-Dimethylphenol	9.822	107	79930	33.625	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.075	93	127846	44.961	ng/ul	99
29) 2,4-Dichlorophenol	10.298	162	85134	44.223	ng/ul	97
30) Naphthalene	10.698	128	281924	42.207	ng/ul	100
32) 4-Chloroaniline	10.845	127	95805	38.681	ng/ul	97
33) Hexachlorobutadiene	10.916	225	69100	40.635	ng/ul	96
34) Caprolactam	11.669	113	28499m	49.928	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	92517	44.850	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.310	142	193216	43.160	ng/ul	100
37) 1-Methylnaphthalene	12.527	142	193746	41.163	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.657	216	120315	43.181	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	37086	28.114	ng/ul	98
41) 2,4,6-Trichlorophenol	12.922	196	74697	43.890	ng/ul	95
42) 2,4,5-Trichlorophenol	12.998	196	78041	47.488	ng/ul	98
43) 1,1'-Biphenyl	13.322	154	262275	44.267	ng/ul	97
44) 2-Chloronaphthalene	13.369	162	209578	43.970	ng/ul	98
45) 2-Nitroaniline	13.622	65	80173	51.576	ng/ul	94
47) Dimethylphthalate	13.957	163	288195	44.005	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	54960	44.669	ng/ul	92
50) Acenaphthylene	14.216	152	358690	44.495	ng/ul	99
51) 3-Nitroaniline	14.451	138	44315	44.046	ng/ul	92
52) Acenaphthene	14.551	153	239736	43.973	ng/ul	97
53) 2,4-Dinitrophenol	14.663	184	25597	41.841	ng/ul	86
55) 4-Nitrophenol	14.751	109	54518	45.605	ng/ul	93
56) Dibenzofuran	14.892	168	337038	44.540	ng/ul	98
57) 2,4-Dinitrotoluene	14.892	165	85334	47.242	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.110	232	76816	45.030	ng/ul#	94
59) Diethylphthalate	15.310	149	298805	43.510	ng/ul	100
61) Fluorene	15.539	166	297678	46.335	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	158571	45.799	ng/ul	96
63) 4-Nitroaniline	15.621	138	43041	46.925	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.645	198	51714	42.220	ng/ul	92
67) N-Nitrosodiphenylamine	15.757	169	225490	45.265	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	92460	43.733	ng/ul	95
69) Hexachlorobenzene	16.510	284	113622	43.962	ng/ul	96
70) Atrazine	16.710	200	85803	44.716	ng/ul	99
71) Pentachlorophenol	16.874	266	63705	42.804	ng/ul	98
72) Phenanthrene	17.286	178	452020	45.555	ng/ul	98
74) Anthracene	17.374	178	448792	44.966	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.274	216	123354	43.921	ng/uL	98
76) Pentachlorobenzene	14.780	250	132743	45.045	ng/uL	99
77) Carbazole	17.668	167	369793	44.871	ng/ul	98
78) Di-n-butylphthalate	18.186	149	528587	43.862	ng/ul	98
80) Fluoranthene	19.298	202	577815	43.904	ng/ul	98
82) Pyrene	19.662	202	616699	44.193	ng/ul	96
83) Butylbenzylphthalate	20.545	149	248638	41.715	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.356	252	170784	37.857	ng/ul	99
85) Benzo(a)anthracene	21.409	228	613168	44.314	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	370011	40.916	ng/ul	100
87) Chrysene	21.462	228	601363	44.813	ng/ul	99
89) Di-n-octyl phthalate	22.203	149	639790	42.971	ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	605862	48.165	ng/ul#	98
91) Benzo(k)fluoranthene	23.103	252	636192	47.511	ng/ul	99
93) Benzo(a)pyrene	23.686	252	586407	47.841	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.256	276	741012	48.644	ng/ul	99
95) Dibenzo(a,h)anthracene	26.274	278	610791	48.363	ng/ul	99
96) Benzo(g,h,i)perylene	27.032	276	570785	47.186	ng/ul	98

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

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