Quantitation Report (Qedit)

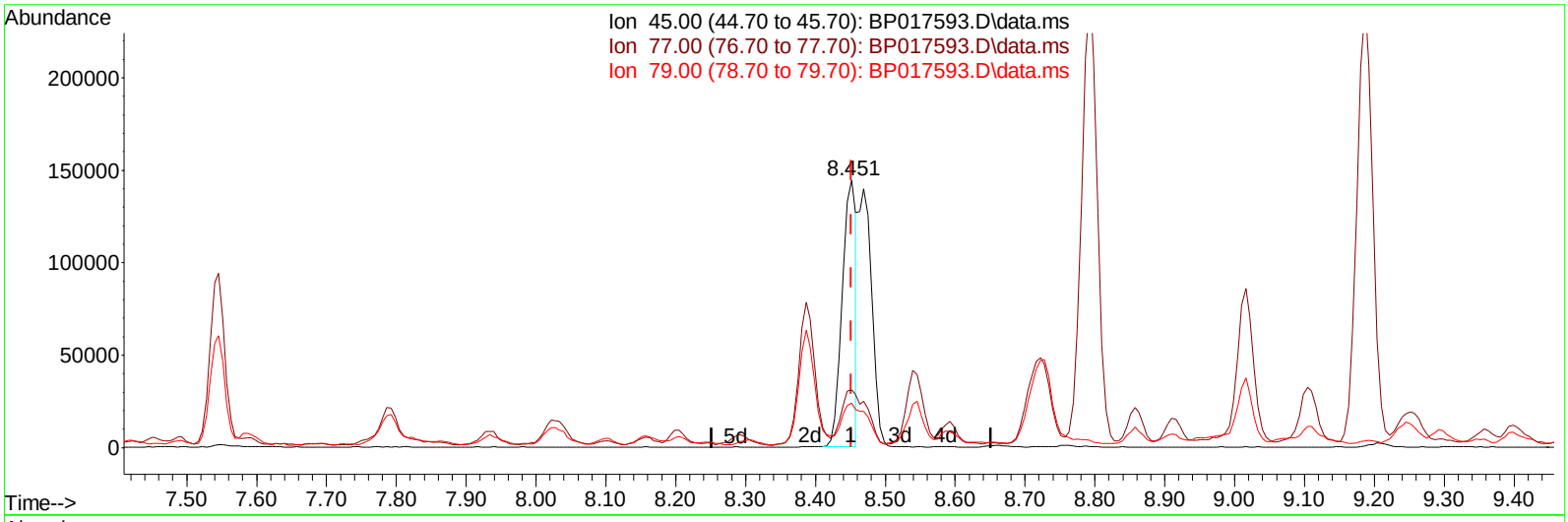
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017593.D
Acq On : 06 Oct 2023 08:25
Operator : MA/JU
Sample : 04588-13MSD
Misc :
ALS Vial : 70 Sample Multiplier: 1

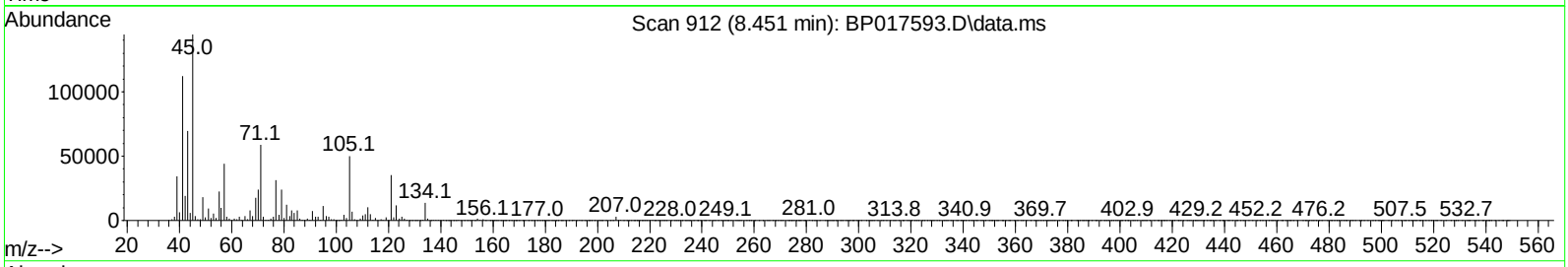
Quant Time: Oct 06 10:18:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 06 05:55:05 2023
Response via : Initial Calibration

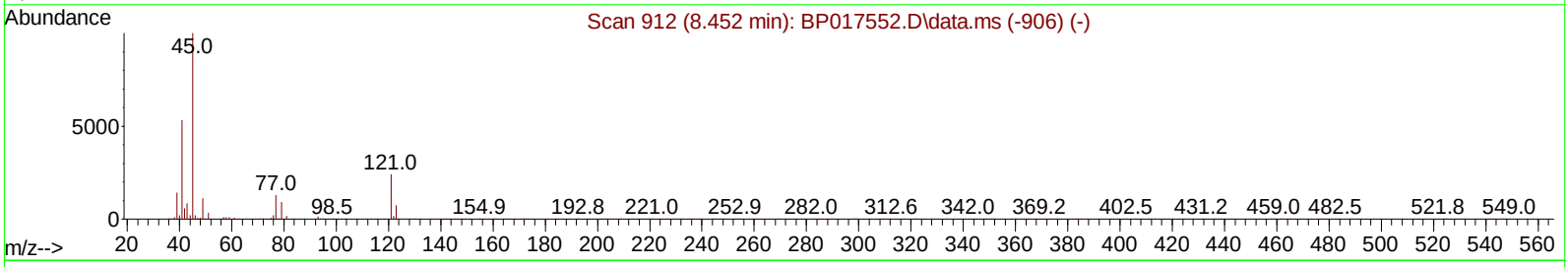
Instrument :
BNA_P
ClientSampleId :
BBHP1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/07/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BP017593.D\data.ms

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

8.451min (-0.000) 21.80 ng/ul

response 200151

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.10	21.63#
79.00	11.20	16.57#
0.00	0.00	0.00

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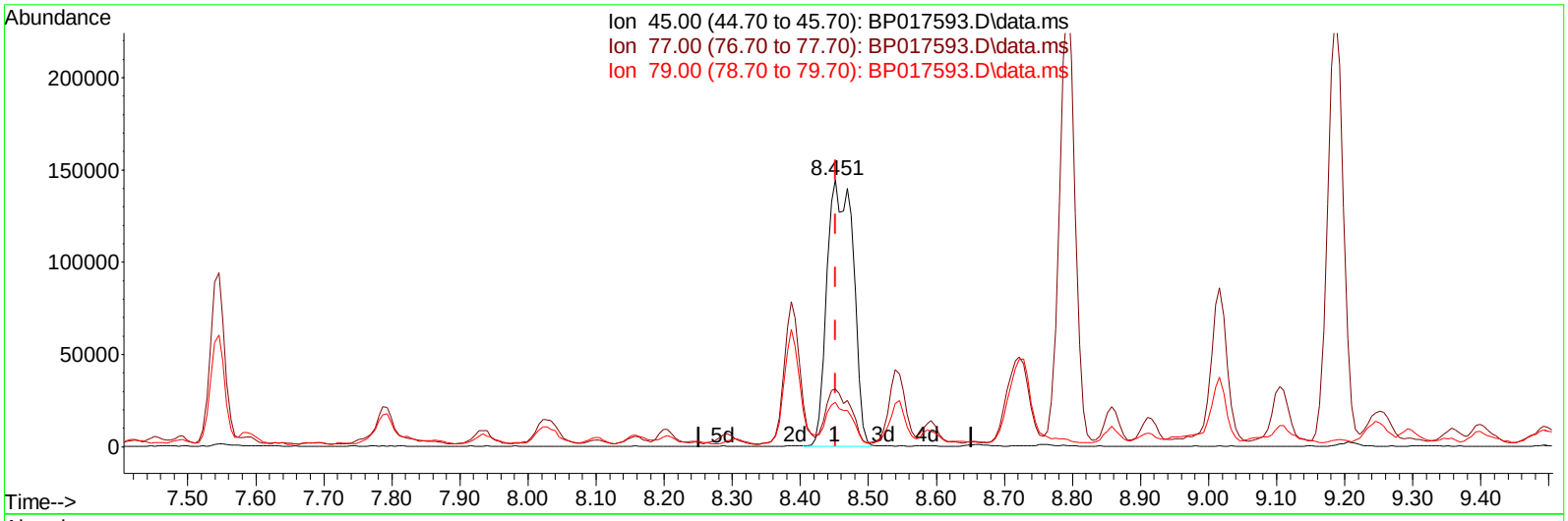

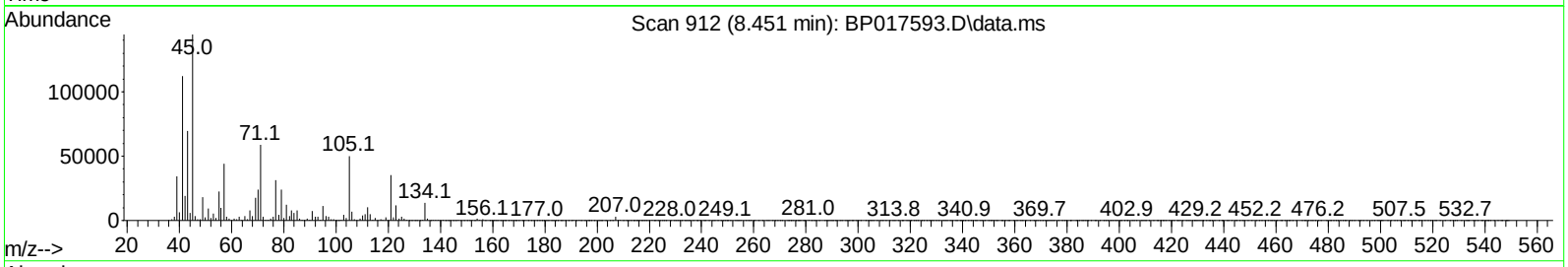

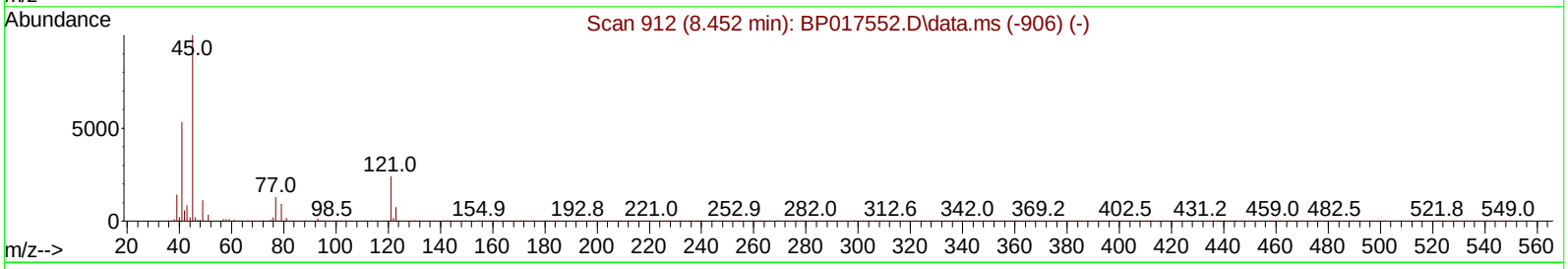

TIC: BP017593.D\data.ms

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

8.451min (-0.000) 42.18 ng/ul m

response 387140

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.10	21.63#
79.00	11.20	16.57#
0.00	0.00	0.00

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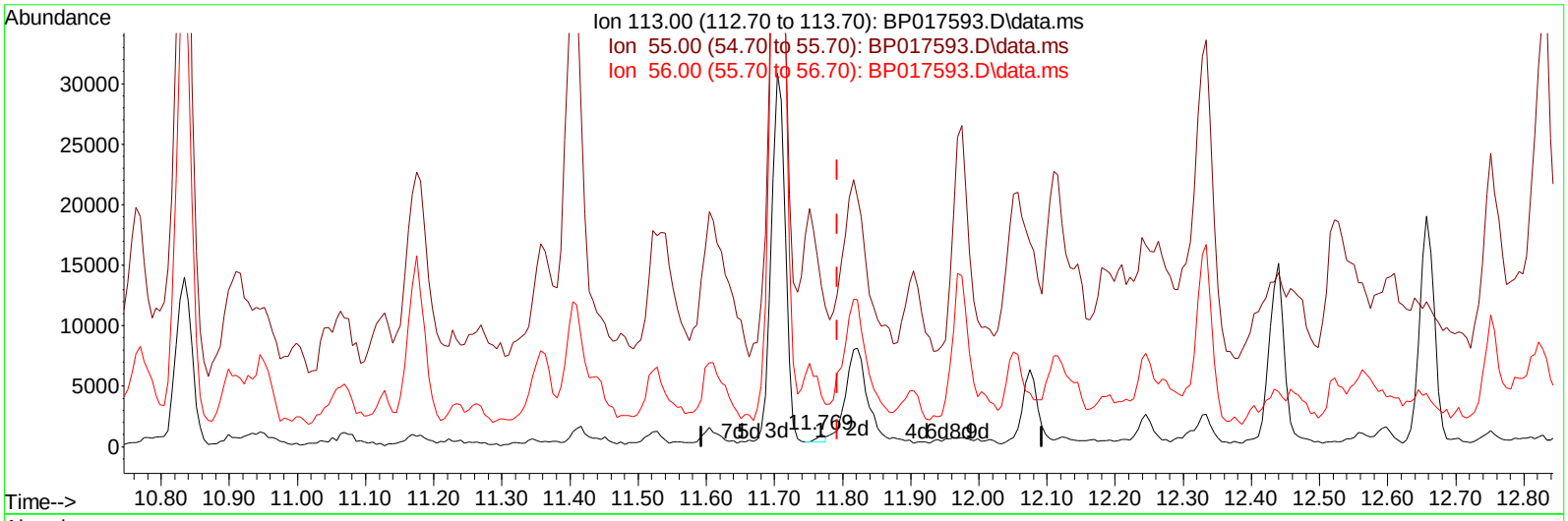

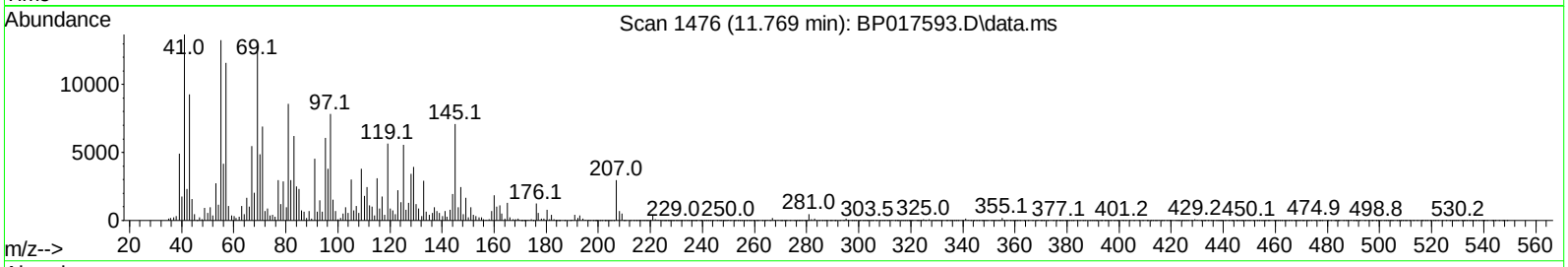

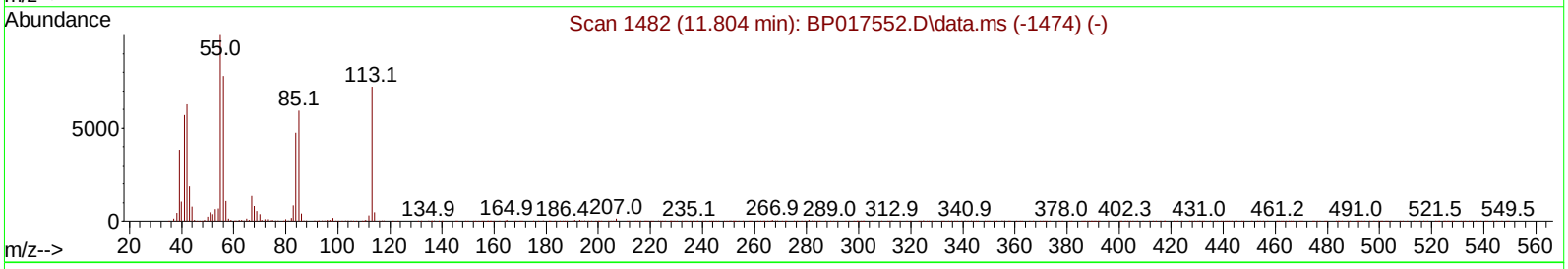

TIC: BP017593.D\data.ms

(34) Caprolactam

11.769min (-0.024) 0.27 ng/ul

response 573

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.80	1275.07#
56.00	118.40	402.98#
0.00	0.00	0.00

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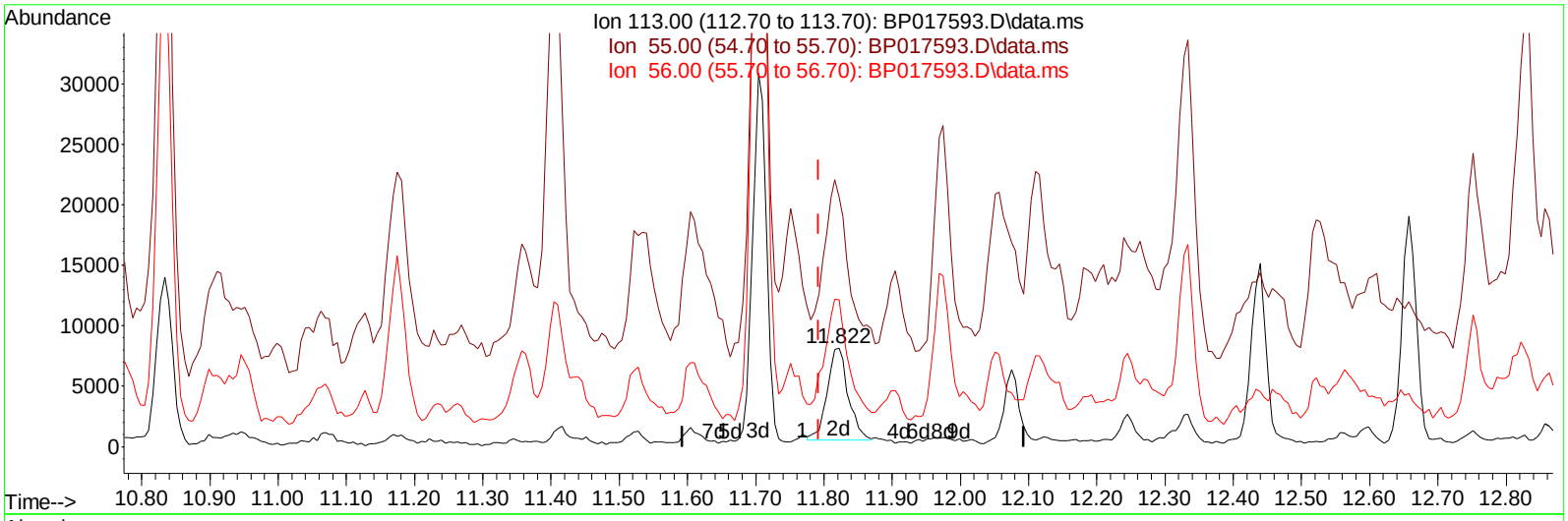

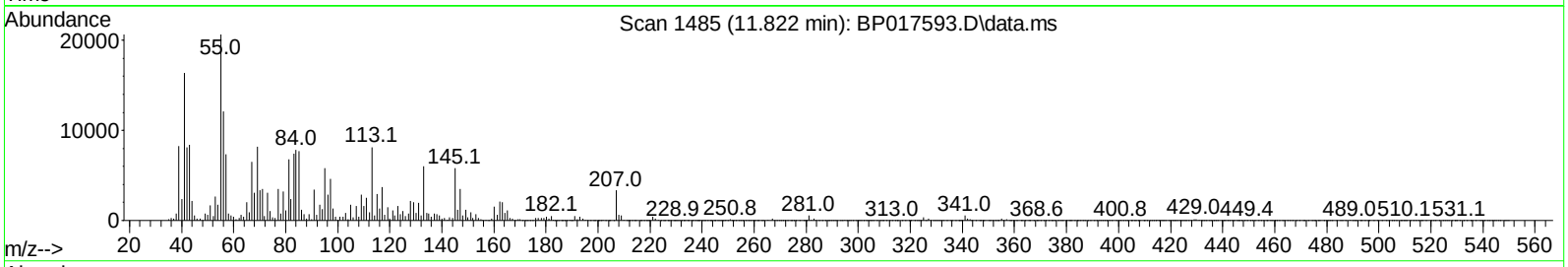

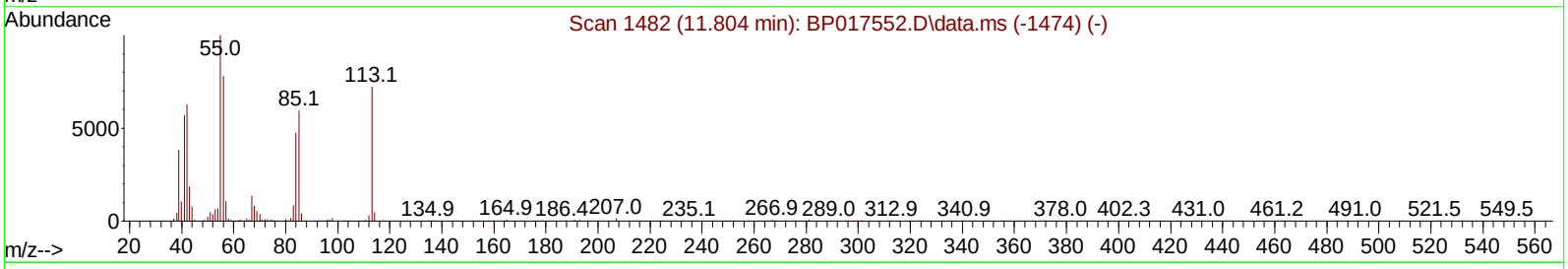

TIC: BP017593.D\data.ms

(34) Caprolactam

11.822min (+ 0.029) 7.69 ng/ul m

response 16219

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.80	253.50#
56.00	118.40	149.12#
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	7.934	152	102168	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	435397	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	286498	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.416	188	651086	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	670113	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	708231	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	14846	5.809	ng/uL	0.00
4) Pyridine-d5	3.728	84	71620	10.707	ng/ul	0.00
7) Phenol-d5	7.093	99	74845	8.707	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	227119	43.299	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	219626	32.448	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	129146	18.767	ng/ul	0.00
21) Nitrobenzene-d5	9.145	128	145268	43.368	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	160310	42.433	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	281022	40.123	ng/ul	0.00
31) 4-Chloroaniline-d4	10.939	131	327051	32.779	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	1057733	47.331	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	1139145	46.227	ng/ul	0.00
54) 4-Nitrophenol-d4	14.875	143	37695	9.632	ng/ul	0.00
60) Fluorene-d10	15.633	176	917948	48.427	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.775	200	193715	47.724	ng/ul	0.00
73) Anthracene-d10	17.516	188	1497708	49.695	ng/ul	0.00
81) Pyrene-d10	19.774	212	1875555	50.369	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	1825762	51.082	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	16758	6.379	ng/uL	97
5) Pyridine	3.746	79	75211	10.707	ng/ul	93
6) Benzaldehyde	7.093	77	259636	59.913	ng/ul	91
8) Phenol	7.122	94	82747	9.611	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.375	93	297207	42.633	ng/ul	97
12) 2-Chlorophenol	7.487	128	228320	33.330	ng/ul	99
13) 2-Methylphenol	8.387	108	150873	23.382	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.451	45	387140m	42.176	ng/ul	
16) Acetophenone	8.793	105	474490	43.720	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.757	70	279300	50.157	ng/ul	98
18) 4-Methylphenol	8.722	108	147223	21.086	ng/ul	100
19) Hexachloroethane	9.022	117	395316	130.003	ng/ul#	11
22) Nitrobenzene	9.187	77	374530	43.471	ng/ul	99
23) Isophorone	9.698	82	704766	44.585	ng/ul#	98
25) 2-Nitrophenol	9.892	139	177249	44.215	ng/ul#	93
26) 2,4-Dimethylphenol	9.934	107	97271	12.238	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.192	93	416546	43.099	ng/ul	97
29) 2,4-Dichlorophenol	10.416	162	275618	40.528	ng/ul	98
30) Naphthalene	10.822	128	1198140	51.576	ng/ul	99
32) 4-Chloroaniline	10.969	127	315406	33.118	ng/ul	98
33) Hexachlorobutadiene	11.045	225	209432	42.406	ng/ul	99
34) Caprolactam	11.822	113	16219m	7.685	ng/ul	
35) 4-Chloro-3-methylphenol	12.075	107	274148	38.196	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.439	142	851882	53.667	ng/ul	99
37) 1-Methylnaphthalene	12.657	142	1021449	62.719	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.786	216	423685	45.138	ng/ul	100
40) Hexachlorocyclopentadiene	12.733	237	160521	30.321	ng/ul	100
41) 2,4,6-Trichlorophenol	13.051	196	271297	45.352	ng/ul	98
42) 2,4,5-Trichlorophenol	13.122	196	294235	46.713	ng/ul	99
43) 1,1'-Biphenyl	13.457	154	998135	45.511	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	795526	45.623	ng/ul	99
45) 2-Nitroaniline	13.751	65	277314	57.234	ng/ul	98
47) Dimethylphthalate	14.092	163	1081618	48.154	ng/ul	100
48) 2,6-Dinitrotoluene	14.245	165	225156	53.793	ng/ul	95
50) Acenaphthylene	14.357	152	1319686	46.308	ng/ul	100
51) 3-Nitroaniline	14.586	138	204126	51.159	ng/ul	95
52) Acenaphthene	14.692	153	893870	47.519	ng/ul	100
53) 2,4-Dinitrophenol	14.792	184	118091	47.663	ng/ul	91
55) 4-Nitrophenol	14.892	109	36997	10.528	ng/ul	92
56) Dibenzofuran	15.033	168	1260711	47.621	ng/ul	100
57) 2,4-Dinitrotoluene	15.033	165	344938	55.215	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.257	232	282557	50.684	ng/ul	98
59) Diethylphthalate	15.451	149	1146943	50.907	ng/ul	99
61) Fluorene	15.686	166	1116445	51.061	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.680	204	552194	49.299	ng/ul	99
63) 4-Nitroaniline	15.763	138	229341	61.152	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.792	198	209401	48.221	ng/ul	99
67) N-Nitrosodiphenylamine	15.910	169	917897	50.348	ng/ul	100
68) 4-Bromophenyl-phenylether	16.586	248	354183	51.313	ng/ul	98
69) Hexachlorobenzene	16.669	284	411464	50.618	ng/ul	97
70) Atrazine	16.874	200	329858	46.765	ng/ul	97
71) Pentachlorophenol	17.045	266	249167	50.635	ng/ul	98
72) Phenanthrene	17.463	178	1841762	52.559	ng/ul	99
74) Anthracene	17.557	178	1800427	50.410	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.410	216	418749	43.509	ng/uL	98
76) Pentachlorobenzene	14.922	250	421386	44.107	ng/uL	98
77) Carbazole	17.845	167	1664829	51.910	ng/ul	99
78) Di-n-butylphthalate	18.357	149	2102084	54.381	ng/ul	99
80) Fluoranthene	19.439	202	2235611	51.538	ng/ul	100
82) Pyrene	19.804	202	2346350	51.265	ng/ul	98
83) Butylbenzylphthalate	20.668	149	978191	54.421	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.480	252	543410	35.689	ng/ul	99
85) Benzo(a)anthracene	21.539	228	2400143	51.124	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.415	149	1434858	55.382	ng/ul	99
87) Chrysene	21.598	228	2210622	50.375	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	2431368	54.268	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	2365214	53.199	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	2303342	51.962	ng/ul	99
93) Benzo(a)pyrene	24.015	252	2161527	52.006	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.874	276	2628112	51.723	ng/ul	100
95) Dibenzo(a,h)anthracene	26.903	278	2215814	51.754	ng/ul	99
96) Benzo(g,h,i)perylene	27.727	276	2093301	51.357	ng/ul	99

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

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