Quantitation Report (Qedit)

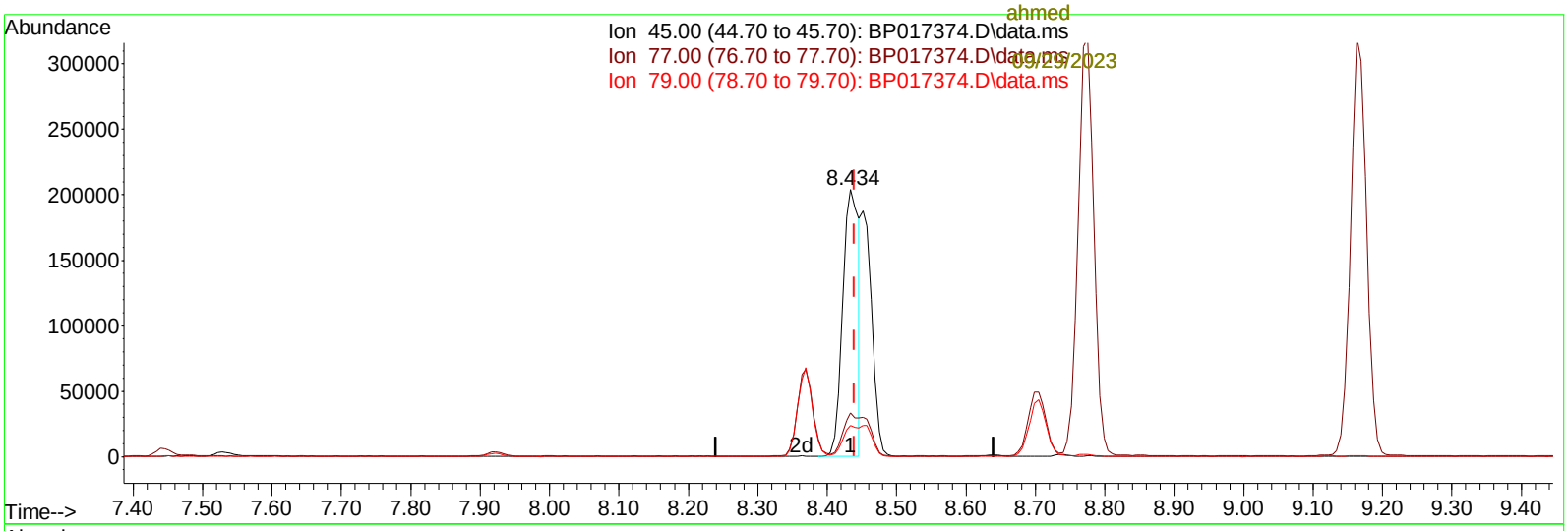
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017374.D
Acq On : 26 Sep 2023 22:08
Operator : MA/JU
Sample : 04450-19MSD
Misc :
ALS Vial : 66 Sample Multiplier: 1

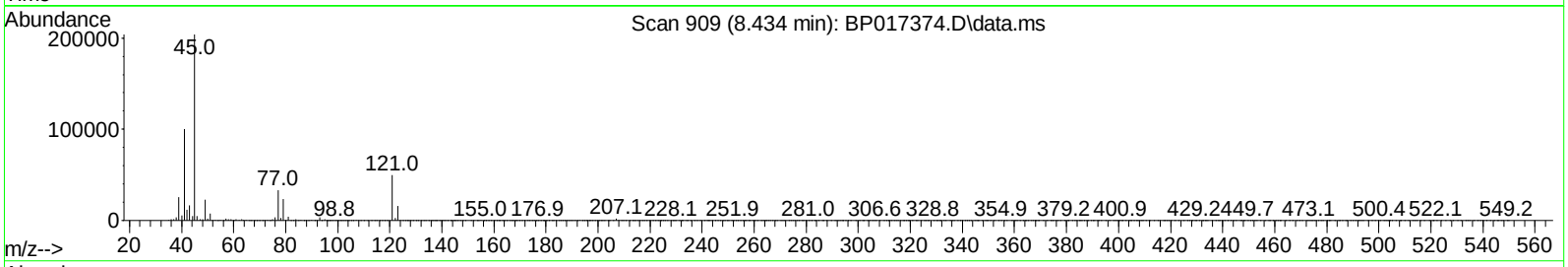
Quant Time: Sep 27 00:31:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 04:52:29 2023
Response via : Initial Calibration

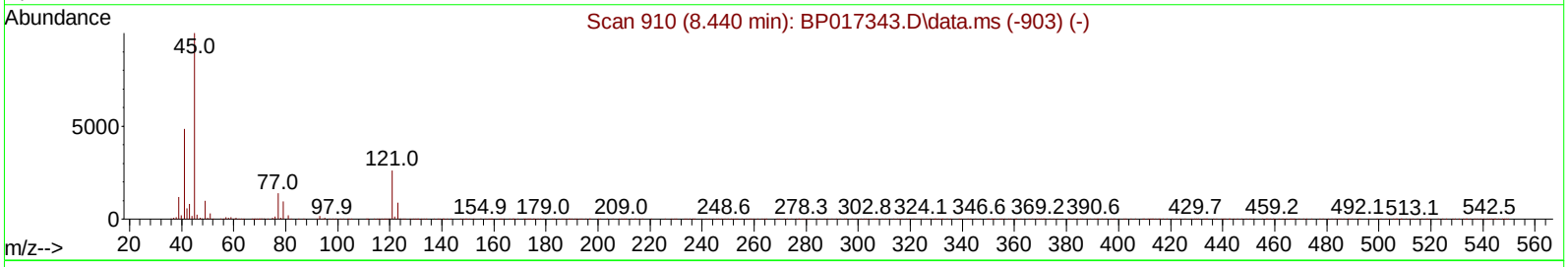
Instrument :
BNA_P
ClientSampleId :
BBHR2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel
09/27/2023
Supervised By :mohammad ahmed
09/29/2023







TIC: BP017374.D\data.ms

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

8.434min (-0.006) 28.72 ng/ul

response 330173

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.60	16.42
79.00	11.80	11.68
0.00	0.00	0.00

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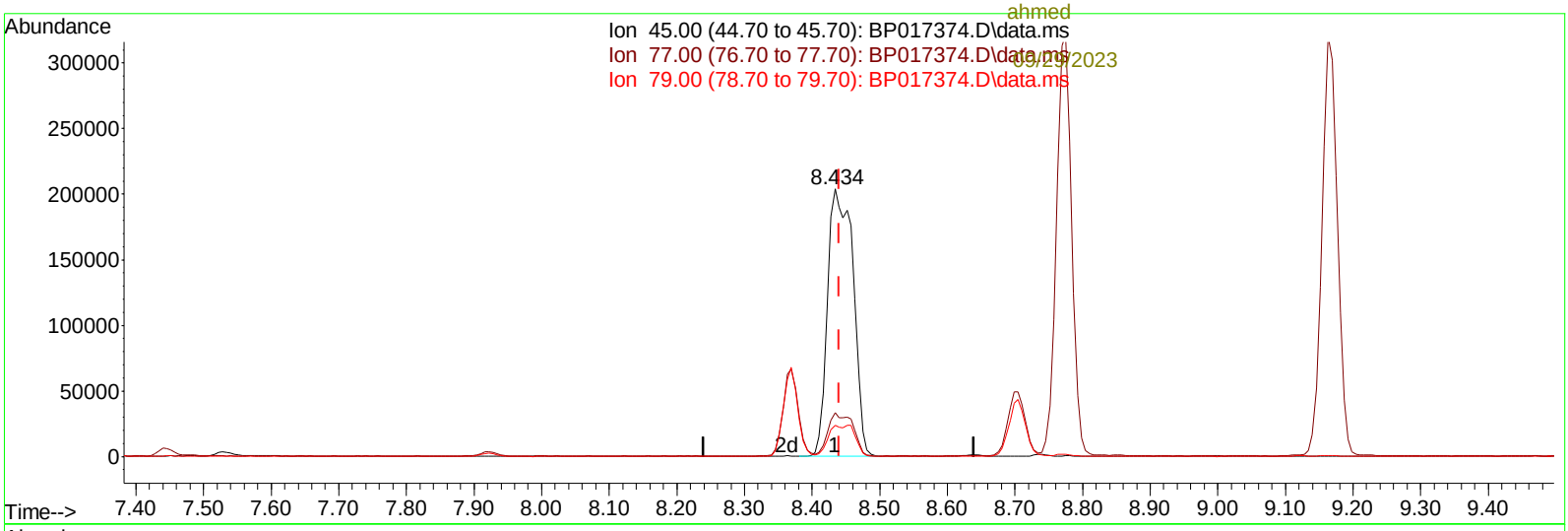

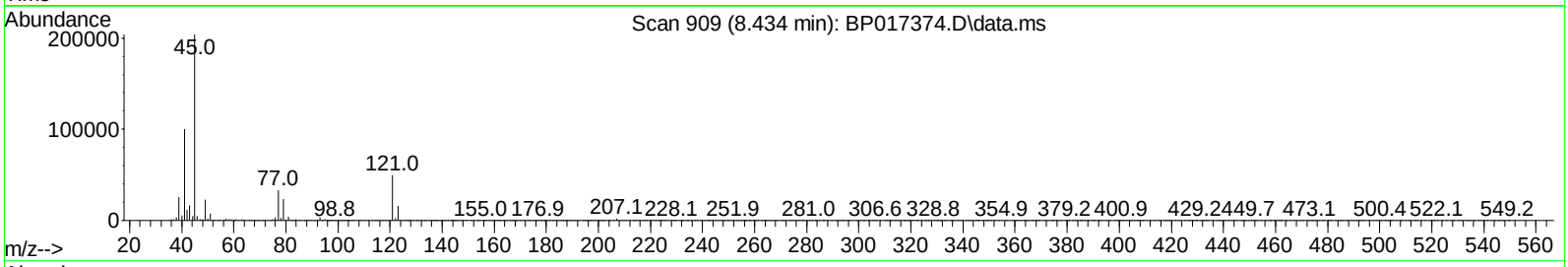

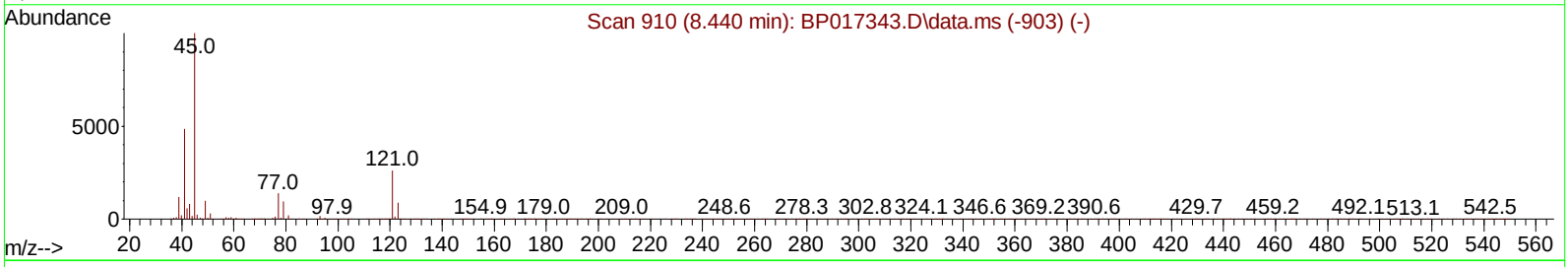

TIC: BP017374.D\data.ms

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

8.434min (-0.006) 46.25 ng/ul m

response 531572

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.60	16.42
79.00	11.80	11.68
0.00	0.00	0.00

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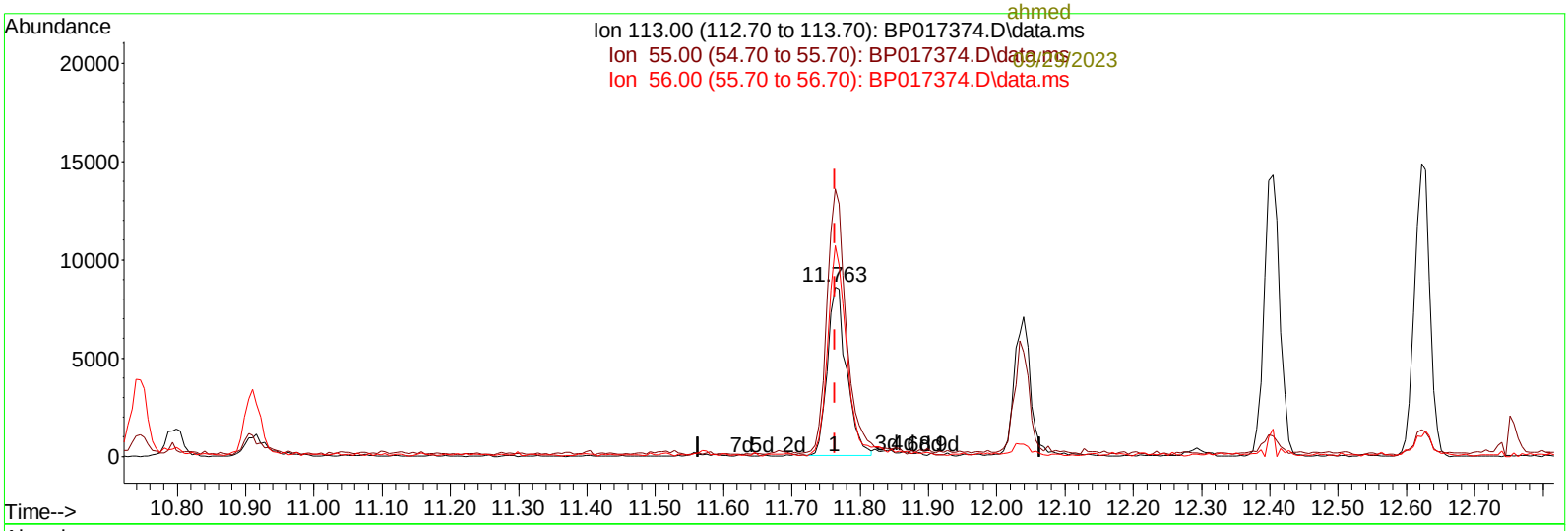

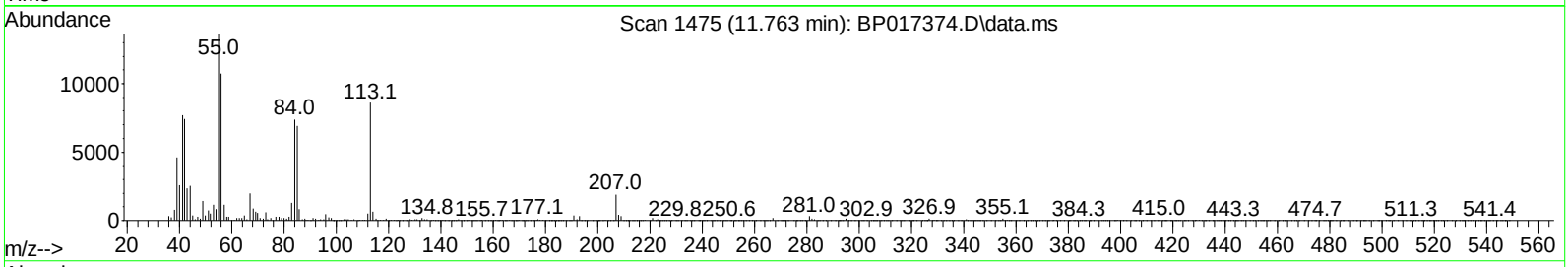

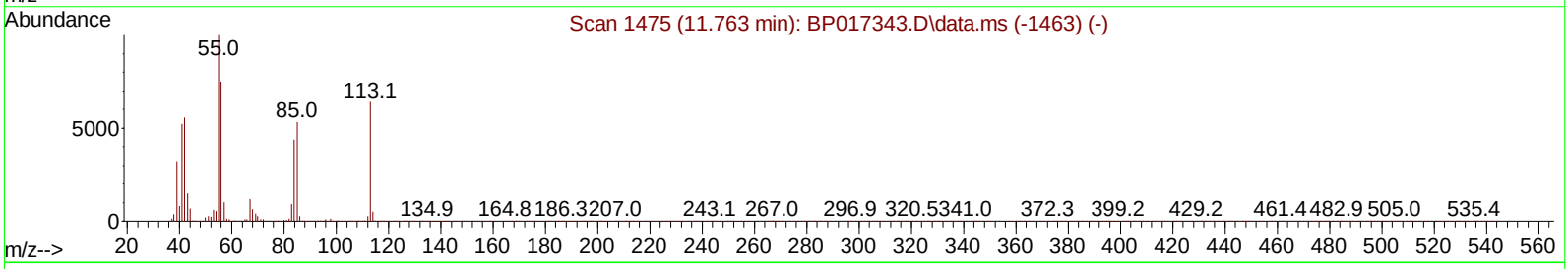

TIC: BP017374.D\data.ms

(34) Caprolactam

11.763min (-0.000) 6.68 ng/ul

response 16818

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.20	157.92
56.00	118.10	124.72
0.00	0.00	0.00

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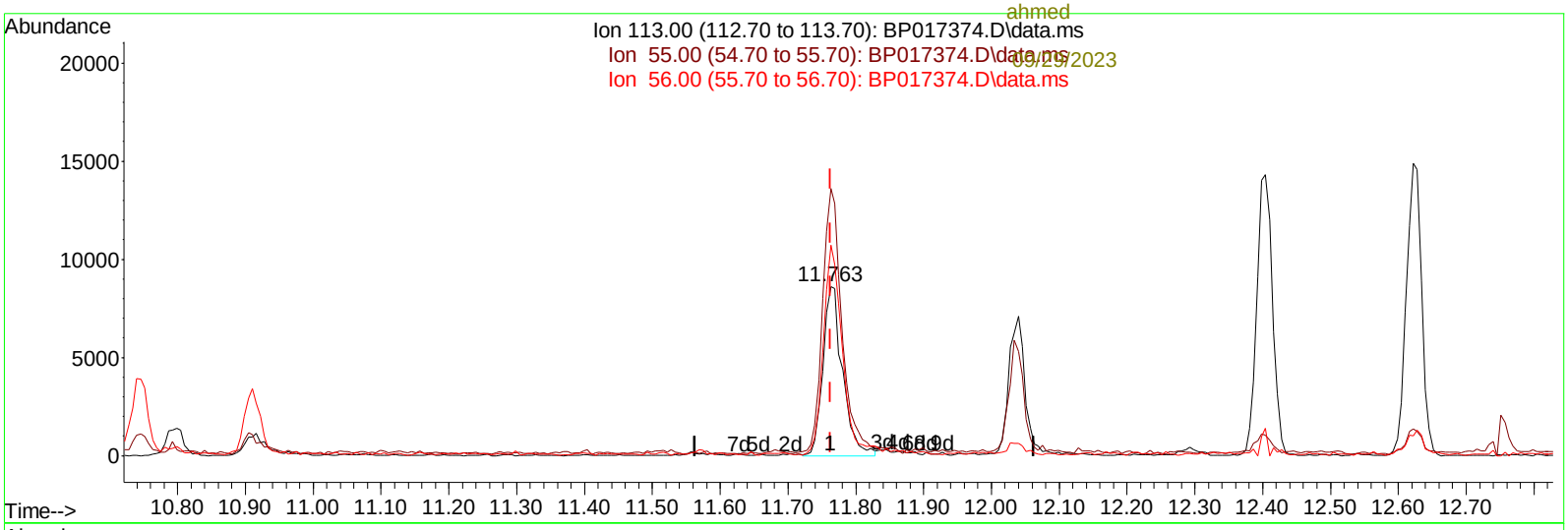

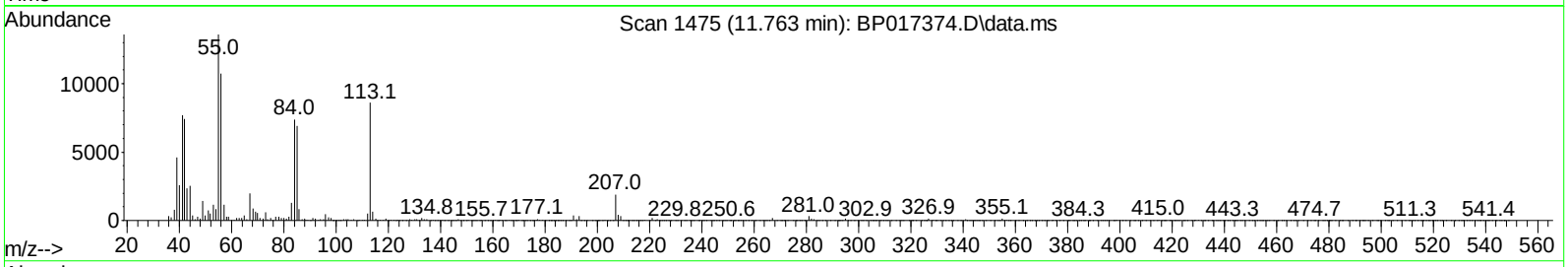

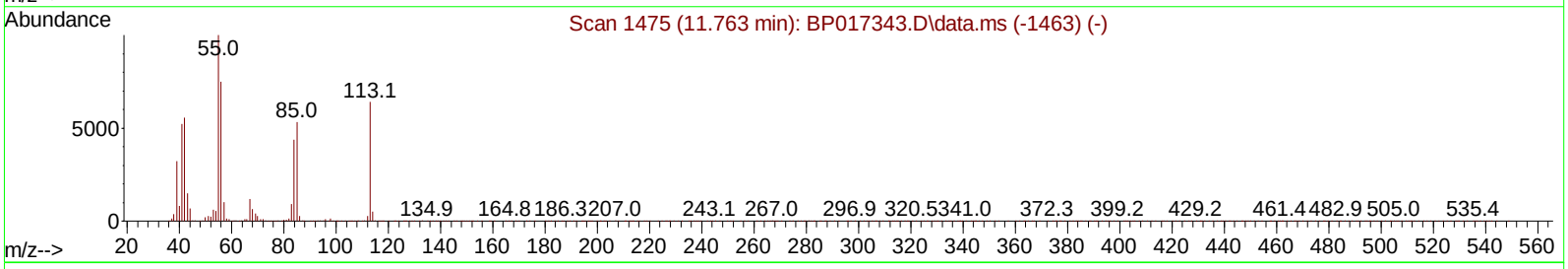

TIC: BP017374.D\data.ms

(34) Caprolactam

11.763min (-0.000) 6.87 ng/ul m

response 17294

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.20	157.92
56.00	118.10	124.72
0.00	0.00	0.00

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09/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	136108	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	596141	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	361919	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	787728	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	753322	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	812453	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	17963	5.421	ng/uL	0.00
4) Pyridine-d5	3.728	84	154158	16.641	ng/ul	0.00
7) Phenol-d5	7.081	99	126265	11.295	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	315711	46.799	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	332319	37.482	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	219308	25.235	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	203202	47.149	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	217933	46.571	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	389011	44.000	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	475309	37.113	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	1384712	53.409	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	1429041	47.924	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	49899	11.047	ng/ul	0.00
60) Fluorene-d10	15.581	176	1146011	51.343	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	213924	48.183	ng/ul	0.00
73) Anthracene-d10	17.457	188	1839232	52.645	ng/ul	0.00
81) Pyrene-d10	19.698	212	2241088	55.013	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	2158629	55.184	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	26006	7.663	ng/uL	98
5) Pyridine	3.752	79	151541	15.757	ng/ul	99
6) Benzaldehyde	7.081	77	307532	53.909	ng/ul	98
8) Phenol	7.110	94	133679	11.890	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.363	93	412506	45.388	ng/ul	96
12) 2-Chlorophenol	7.475	128	330327	36.688	ng/ul	99
13) 2-Methylphenol	8.369	108	242802	29.184	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.434	45	531572m	46.246	ng/ul	
16) Acetophenone	8.775	105	637231	47.449	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.740	70	325077	48.502	ng/ul	98
18) 4-Methylphenol	8.704	108	228866	25.674	ng/ul	98
19) Hexachloroethane	8.987	117	150927	40.380	ng/ul	96
22) Nitrobenzene	9.163	77	506958	46.358	ng/ul	96
23) Isophorone	9.675	82	909598	46.417	ng/ul	98
25) 2-Nitrophenol	9.869	139	229685	45.295	ng/ul	99
26) 2,4-Dimethylphenol	9.910	107	263134	26.044	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.163	93	563100	44.514	ng/ul	98
29) 2,4-Dichlorophenol	10.387	162	370921	42.552	ng/ul	98
30) Naphthalene	10.798	128	1321110	42.561	ng/ul	100
32) 4-Chloroaniline	10.934	127	445099	36.267	ng/ul	99
33) Hexachlorobutadiene	11.022	225	261946	43.178	ng/ul	99
34) Caprolactam	11.763	113	17294m	6.866	ng/ul	
35) 4-Chloro-3-methylphenol	12.034	107	368234	42.028	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	908569	44.847	ng/ul	98
37) 1-Methylnaphthalene	12.622	142	894478	43.191	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	507492	43.694	ng/ul	99
40) Hexachlorocyclopentadiene	12.698	237	174494	26.547	ng/ul	94
41) 2,4,6-Trichlorophenol	13.010	196	342394	48.599	ng/ul	99
42) 2,4,5-Trichlorophenol	13.081	196	370061	50.136	ng/ul	97
43) 1,1'-Biphenyl	13.416	154	1212116	44.143	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	968298	44.479	ng/ul	99
45) 2-Nitroaniline	13.704	65	243314	45.498	ng/ul	97
47) Dimethylphthalate	14.051	163	1355581	51.905	ng/ul	98
48) 2,6-Dinitrotoluene	14.198	165	270554	59.643	ng/ul	91
50) Acenaphthylene	14.316	152	1608348	46.126	ng/ul	100
51) 3-Nitroaniline	14.534	138	181116	37.101	ng/ul	97
52) Acenaphthene	14.651	153	1066755	46.324	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	103962	36.638	ng/ul	98
55) 4-Nitrophenol	14.834	109	42866	12.148	ng/ul	89
56) Dibenzofuran	14.986	168	1517157	48.109	ng/ul	98
57) 2,4-Dinitrotoluene	14.981	165	398258	59.603	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.204	232	330132	52.711	ng/ul	97
59) Diethylphthalate	15.404	149	1380794	54.689	ng/ul	98
61) Fluorene	15.639	166	1287320	50.242	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.628	204	659903	50.818	ng/ul	99
63) 4-Nitroaniline	15.704	138	127697	29.309	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.734	198	222419	46.439	ng/ul#	97
67) N-Nitrosodiphenylamine	15.857	169	1040982	48.044	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	417008	52.694	ng/ul	99
69) Hexachlorobenzene	16.616	284	487463	53.083	ng/ul	97
70) Atrazine	16.816	200	384734	49.561	ng/ul	100
71) Pentachlorophenol	16.981	266	274003	48.304	ng/ul	99
72) Phenanthrene	17.398	178	2111069	51.167	ng/ul	99
74) Anthracene	17.492	178	2109441	50.447	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.369	216	512385	42.382	ng/uL	97
76) Pentachlorobenzene	14.875	250	503103	44.053	ng/uL	99
77) Carbazole	17.780	167	1935658	52.044	ng/ul	99
78) Di-n-butylphthalate	18.286	149	2425776	59.313	ng/ul	99
80) Fluoranthene	19.369	202	2558726	53.857	ng/ul	99
82) Pyrene	19.727	202	2653453	52.538	ng/ul	99
83) Butylbenzylphthalate	20.586	149	1099167	61.380	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.380	252	372914	22.784	ng/ul	100
85) Benzo(a)anthracene	21.445	228	2706727	53.238	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.316	149	1628850	62.983	ng/ul	100
87) Chrysene	21.498	228	2532535	52.928	ng/ul	98
89) Di-n-octyl phthalate	22.274	149	2775387	62.102	ng/ul	100
90) Benzo(b)fluoranthene	23.186	252	2657189	55.473	ng/ul	99
91) Benzo(k)fluoranthene	23.239	252	2612292	54.055	ng/ul	100
93) Benzo(a)pyrene	23.857	252	2435387	53.139	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.627	276	3009879	52.395	ng/ul	98
95) Dibenzo(a,h)anthracene	26.651	278	2509298	52.444	ng/ul	98
96) Benzo(g,h,i)perylene	27.462	276	2381610	51.410	ng/ul	98

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

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