Quantitation Report (Qedit)

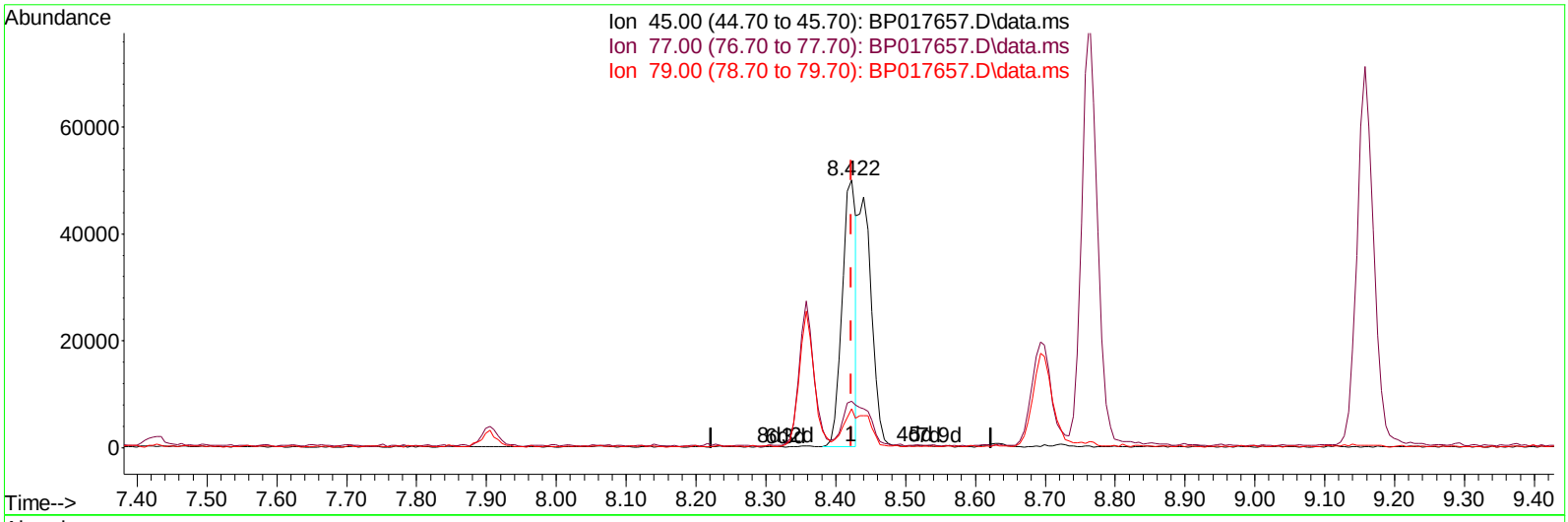
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101223\
Data File : BP017657.D
Acq On : 12 Oct 2023 12:21
Operator : MA/JU
Sample : SSTD01029
Misc :
ALS Vial : 4 Sample Multiplier: 1

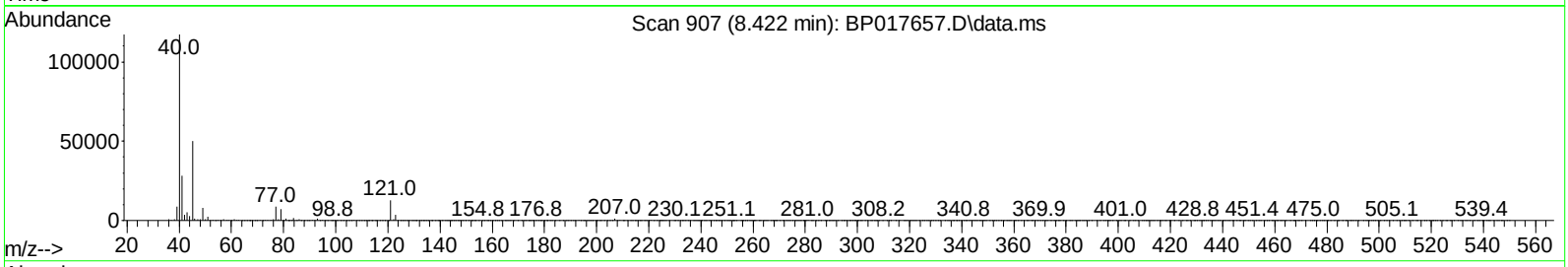
Quant Time: Oct 12 15:45:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:43:48 2023
Response via : Initial Calibration

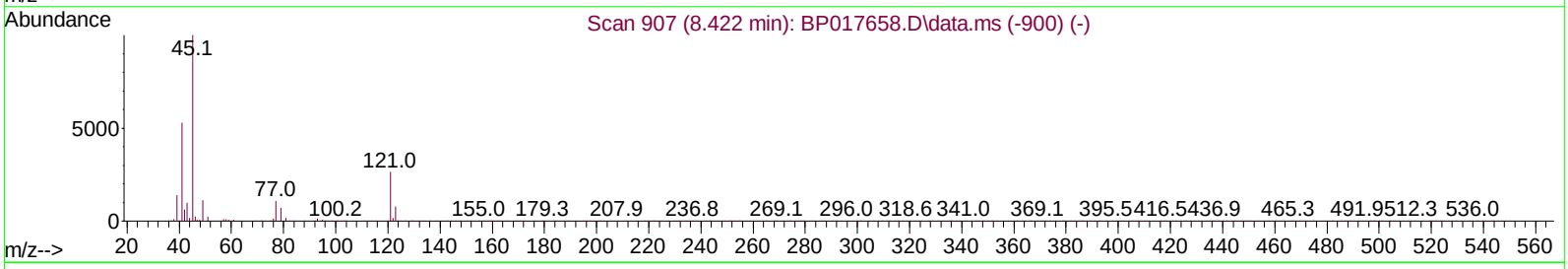
Instrument :
BNA_P
ClientSampleId :
SSTD010639

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023







TIC: BP017657.D\data.ms

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

8.422min (+ 0.000) 5.45 ng/ul

response 69071

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.30	17.30
79.00	11.90	14.42#
0.00	0.00	0.00

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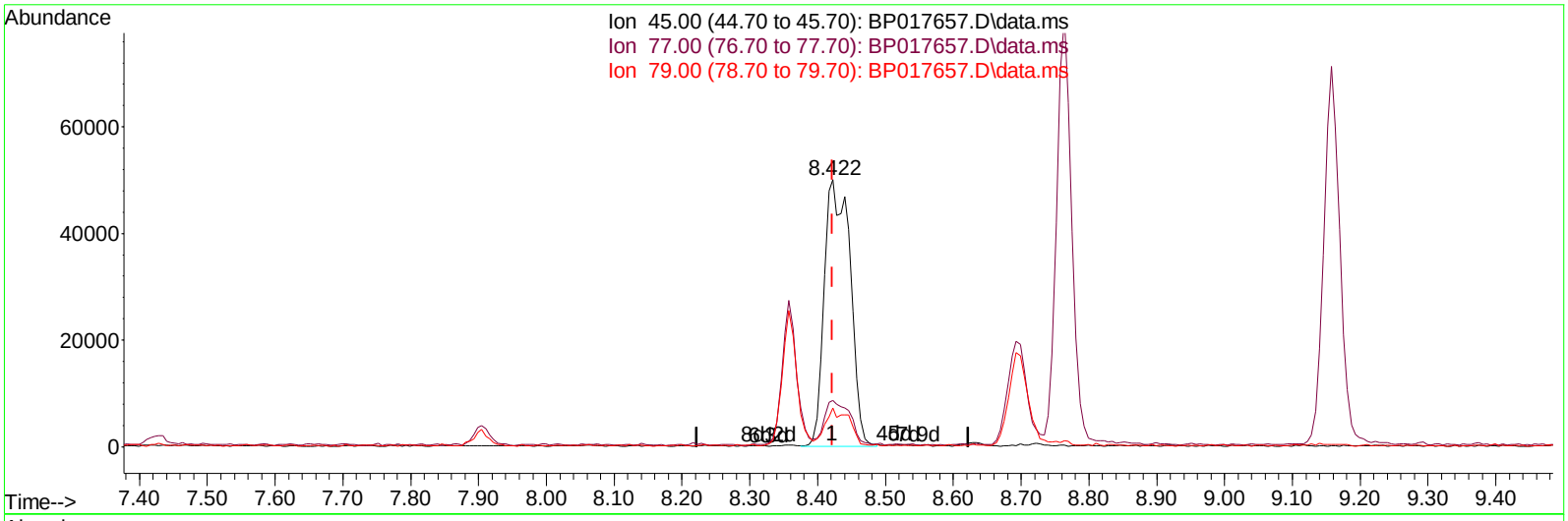

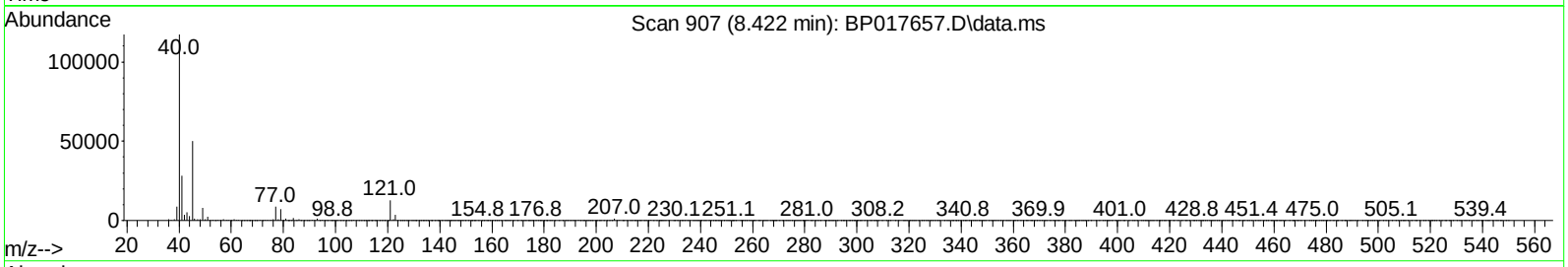

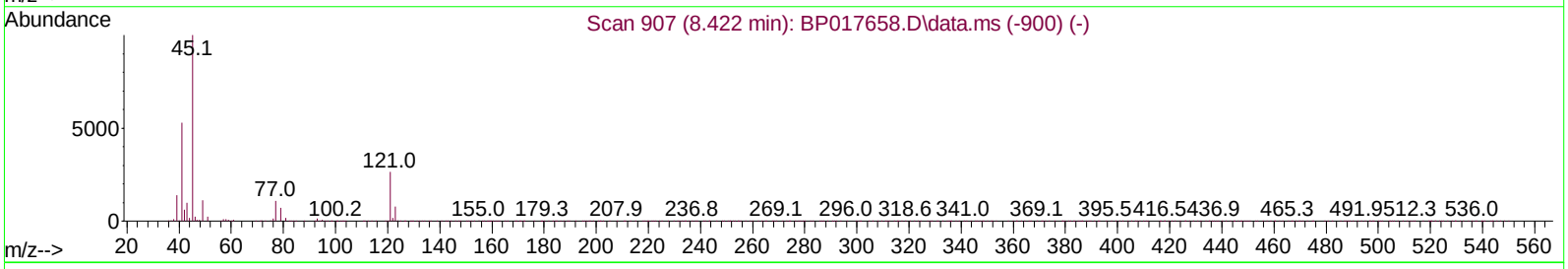

TIC: BP017657.D\data.ms

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

8.422min (+ 0.000) 10.44 ng/ul m

response 132410

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.30	17.30
79.00	11.90	14.42#
0.00	0.00	0.00

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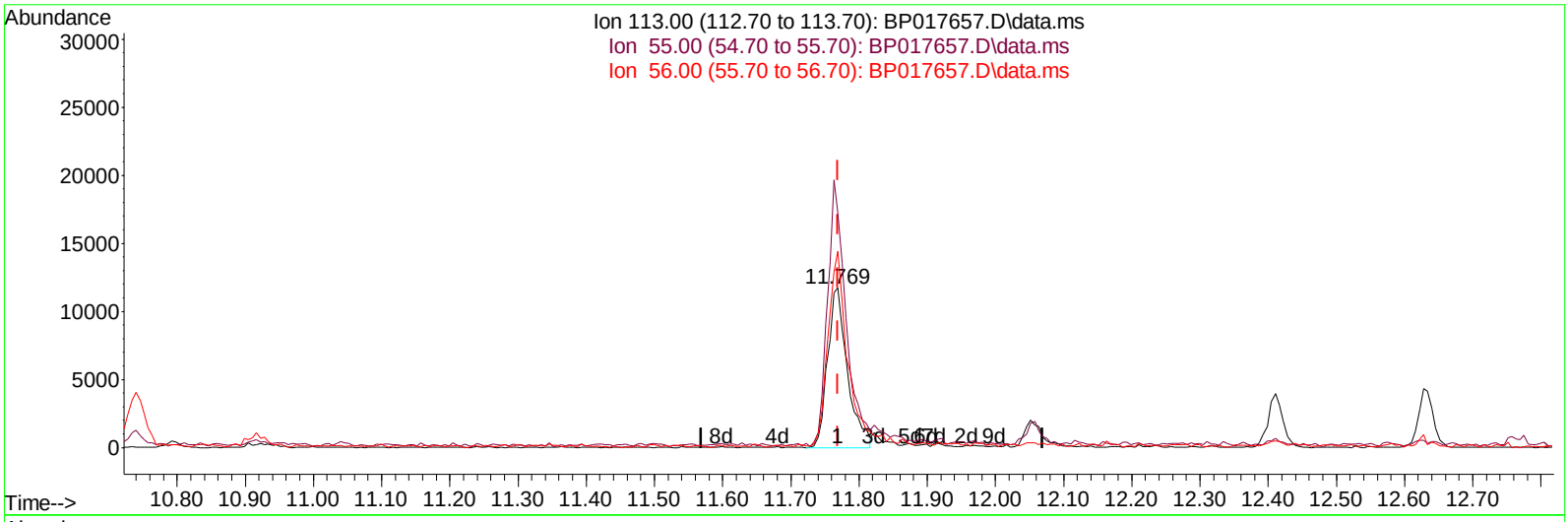

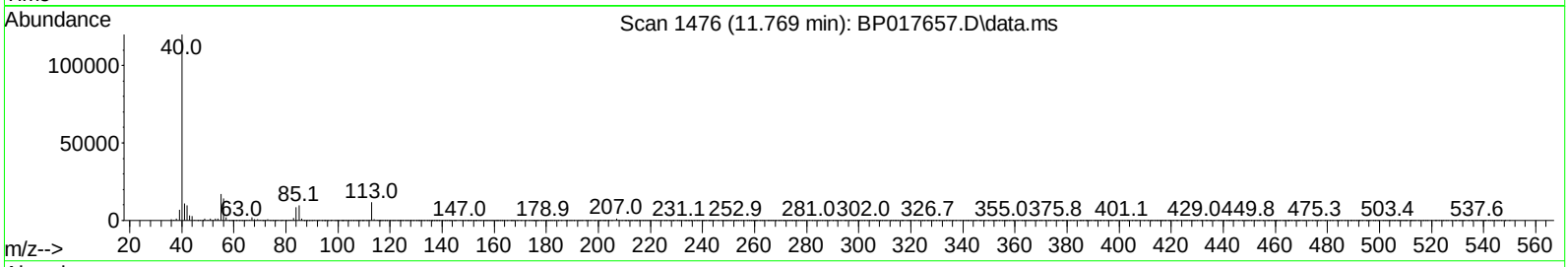

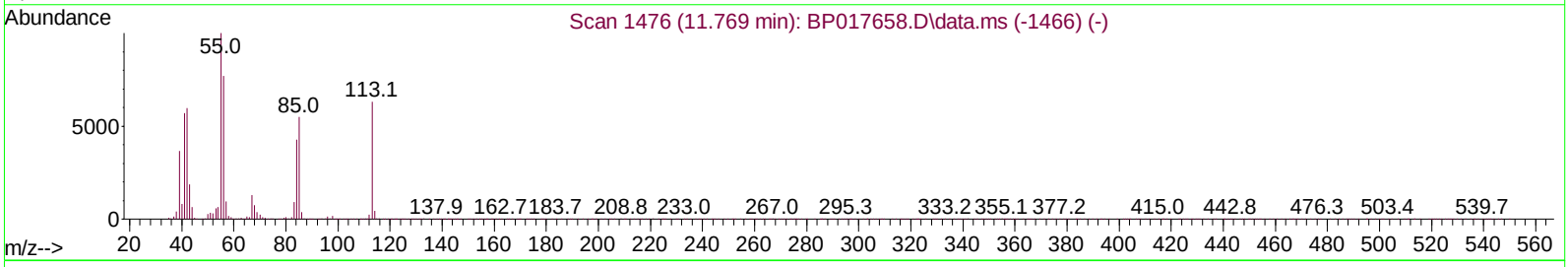

TIC: BP017657.D\data.ms

(34) Caprolactam

11.769min (+ 0.000) 8.61 ng/ul

response 23727

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	158.60	146.98
56.00	122.40	123.12
0.00	0.00	0.00

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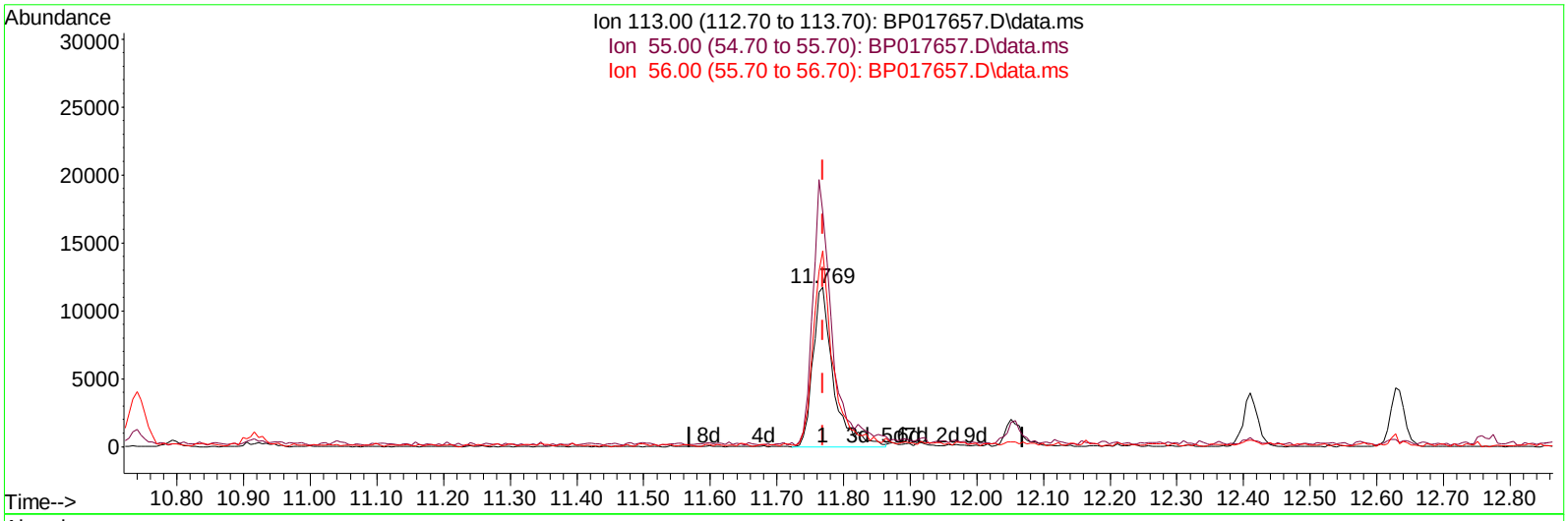

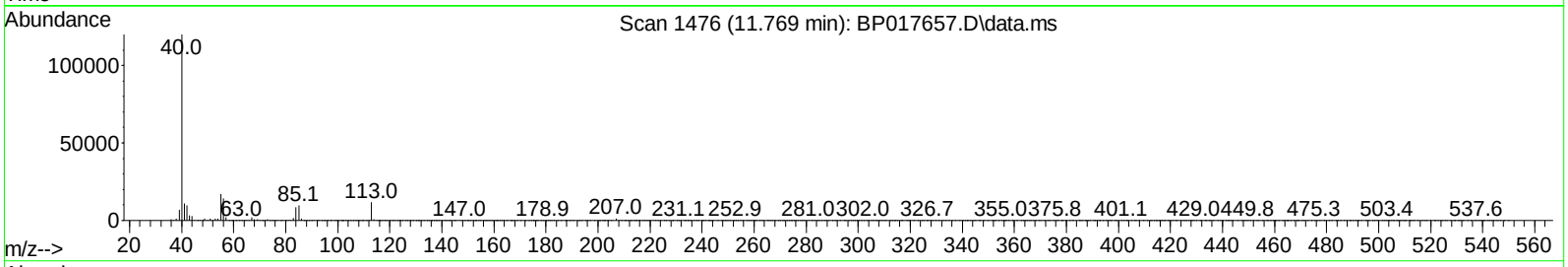

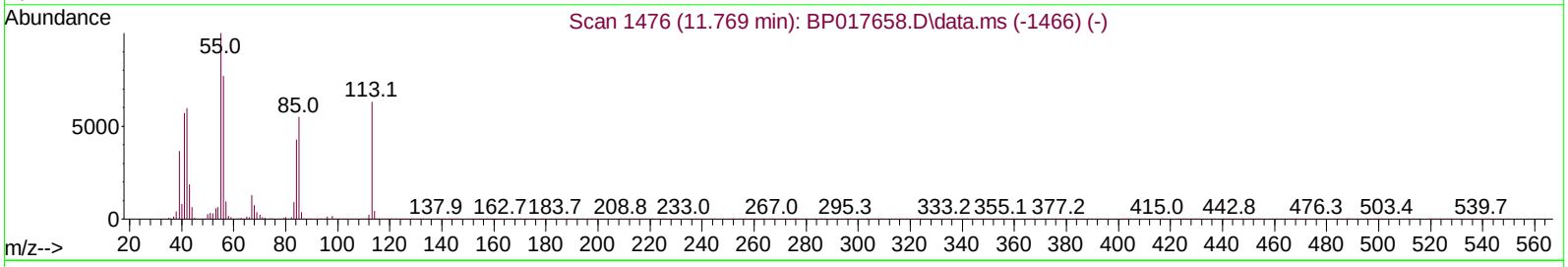

TIC: BP017657.D\data.ms

(34) Caprolactam

11.769min (+ 0.000) 9.09 ng/ul m

response 25073

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	158.60	146.98
56.00	122.40	123.12
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/13/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	141673	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	572225	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	380884	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	884849	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	961152	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	1072181	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	15375	4.427	ng/uL	0.00
4) Pyridine-d5	3.705	84	98491	10.086	ng/ul	0.00
7) Phenol-d5	7.064	99	118060	9.905	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	75107	10.153	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	97538	10.418	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	92954	9.651	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	43875	9.991	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	49116	10.078	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	93472	9.947	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	129664	9.729	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	313183	10.435	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	331882	10.150	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	37715	7.970	ng/ul	0.00
60) Fluorene-d10	15.610	176	270412	10.324	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	46624	8.579	ng/ul	0.00
73) Anthracene-d10	17.498	188	437420	10.382	ng/ul	0.00
81) Pyrene-d10	19.757	212	551238	10.191	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	571924	10.376	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	15226	4.133	ng/uL	91
5) Pyridine	3.723	79	102460	10.186	ng/ul	99
6) Benzaldehyde	7.069	77	75678	12.670	ng/ul	93
8) Phenol	7.093	94	118684	9.817	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.346	93	100121	10.338	ng/ul	98
12) 2-Chlorophenol	7.458	128	98085	10.261	ng/ul	98
13) 2-Methylphenol	8.358	108	87054	9.676	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.422	45	132410m	10.444	ng/ul	
16) Acetophenone	8.764	105	152638	10.066	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.728	70	78444	10.225	ng/ul	98
18) 4-Methylphenol	8.693	108	95613	9.738	ng/ul	97
19) Hexachloroethane	8.969	117	43709	10.437	ng/ul	97
22) Nitrobenzene	9.158	77	117889	10.245	ng/ul	99
23) Isophorone	9.669	82	209803	10.282	ng/ul	99
25) 2-Nitrophenol	9.863	139	54432	10.398	ng/ul	98
26) 2,4-Dimethylphenol	9.905	107	110144	10.368	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.163	93	132941	10.584	ng/ul	99
29) 2,4-Dichlorophenol	10.387	162	92073	10.003	ng/ul	98
30) Naphthalene	10.793	128	326282	10.403	ng/ul	100
32) 4-Chloroaniline	10.940	127	125309	9.727	ng/ul	98
33) Hexachlorobutadiene	11.016	225	74346	10.660	ng/ul	97
34) Caprolactam	11.769	113	25073m	9.094	ng/ul	
35) 4-Chloro-3-methylphenol	12.057	107	98197	10.128	ng/ul	95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.410	142	219459	10.173	ng/ul	97
37) 1-Methylnaphthalene	12.634	142	226091	10.251	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	131394	10.186	ng/ul	97
40) Hexachlorocyclopentadiene	12.704	237	38416	5.985	ng/ul	95
41) 2,4,6-Trichlorophenol	13.028	196	76524	9.595	ng/ul	92
42) 2,4,5-Trichlorophenol	13.104	196	80171	9.518	ng/ul	98
43) 1,1'-Biphenyl	13.428	154	300237	10.205	ng/ul	99
44) 2-Chloronaphthalene	13.481	162	243483	10.312	ng/ul	98
45) 2-Nitroaniline	13.728	65	60465	9.624	ng/ul	98
47) Dimethylphthalate	14.069	163	311810	10.338	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	52609	9.444	ng/ul	93
50) Acenaphthylene	14.334	152	384308	10.263	ng/ul	100
51) 3-Nitroaniline	14.569	138	54206	10.307	ng/ul	92
52) Acenaphthene	14.669	153	256426	10.153	ng/ul	97
53) 2,4-Dinitrophenol	14.781	184	20196	5.496	ng/ul	93
55) 4-Nitrophenol	14.881	109	45040	10.520	ng/ul	95
56) Dibenzofuran	15.010	168	369659	10.211	ng/ul	97
57) 2,4-Dinitrotoluene	15.016	165	83695	9.968	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.234	232	76765	9.993	ng/ul	99
59) Diethylphthalate	15.434	149	309276	10.249	ng/ul	98
61) Fluorene	15.669	166	305948	10.253	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	163647	10.322	ng/ul	96
63) 4-Nitroaniline	15.740	138	56729	11.320	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.769	198	51303	8.946	ng/ul#	92
67) N-Nitrosodiphenylamine	15.893	169	253650	10.259	ng/ul	98
68) 4-Bromophenyl-phenylether	16.569	248	100621	10.145	ng/ul	97
69) Hexachlorobenzene	16.651	284	121032	10.238	ng/ul	96
70) Atrazine	16.857	200	90193	9.386	ng/ul	98
71) Pentachlorophenol	17.028	266	60436	8.632	ng/ul	98
72) Phenanthrene	17.439	178	504909	10.364	ng/ul	99
74) Anthracene	17.534	178	508165	10.301	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	133530	10.211	ng/uL	97
76) Pentachlorobenzene	14.898	250	138362	10.367	ng/uL	100
77) Carbazole	17.828	167	447857	10.255	ng/ul	99
78) Di-n-butylphthalate	18.339	149	549779	10.760	ng/ul	100
80) Fluoranthene	19.428	202	629983	10.057	ng/ul	99
82) Pyrene	19.786	202	672667	10.188	ng/ul	99
83) Butylbenzylphthalate	20.657	149	241683	10.134	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.469	252	225704	10.811	ng/ul	100
85) Benzo(a)anthracene	21.522	228	711093	10.351	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	360602	10.612	ng/ul	100
87) Chrysene	21.580	228	664276	10.373	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	600965	9.372	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	699803	10.233	ng/ul	99
91) Benzo(k)fluoranthene	23.363	252	689174	10.034	ng/ul	98
93) Benzo(a)pyrene	23.992	252	643468	10.118	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	789270	10.324	ng/ul	99
95) Dibenzo(a,h)anthracene	26.868	278	662766	10.507	ng/ul	99
96) Benzo(g,h,i)perylene	27.692	276	632318	10.175	ng/ul	99

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

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