Quantitation Report (Qedit)

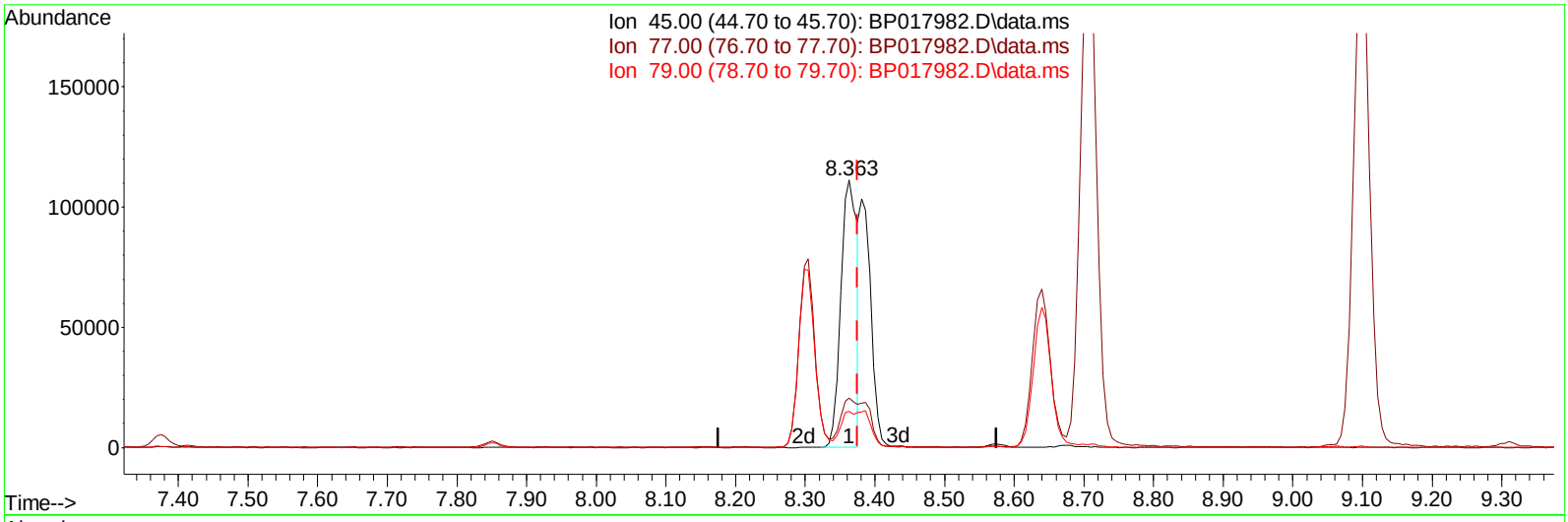
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017982.D
Acq On : 09 Nov 2023 03:03
Operator : MA/JU
Sample : PB156653BS
Misc :
ALS Vial : 63 Sample Multiplier: 1

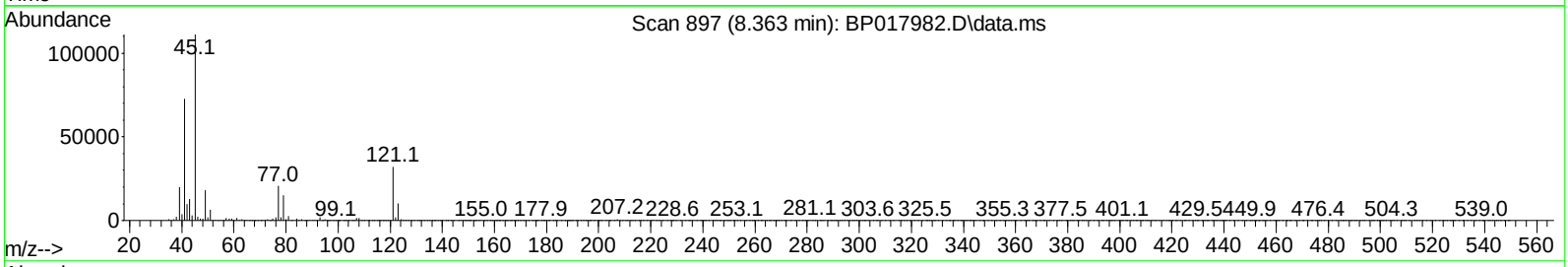
Quant Time: Nov 09 03:42:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 03:40:56 2023
Response via : Initial Calibration

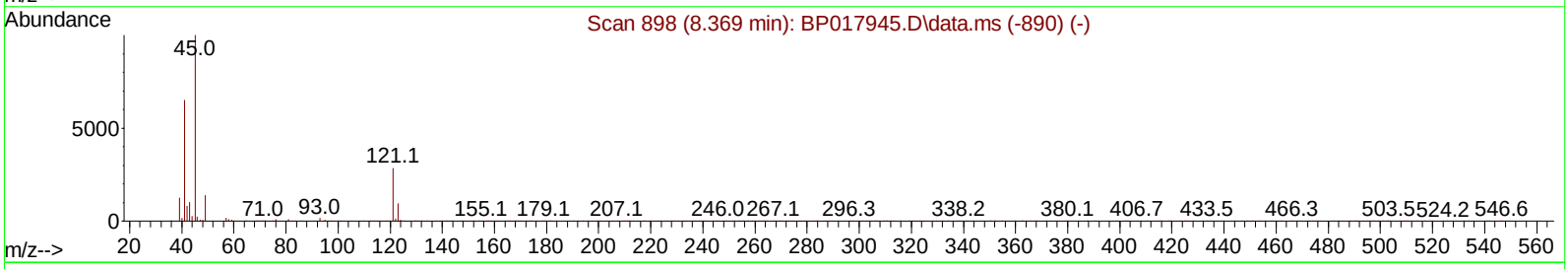
Instrument :
BNA_P
ClientSampleId :
SLCS653

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023







TIC: BP017982.D\data.ms

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

8.363min (-0.012) 24.35 ng/ul

response 180290

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.50	18.62
79.00	14.00	13.57
0.00	0.00	0.00

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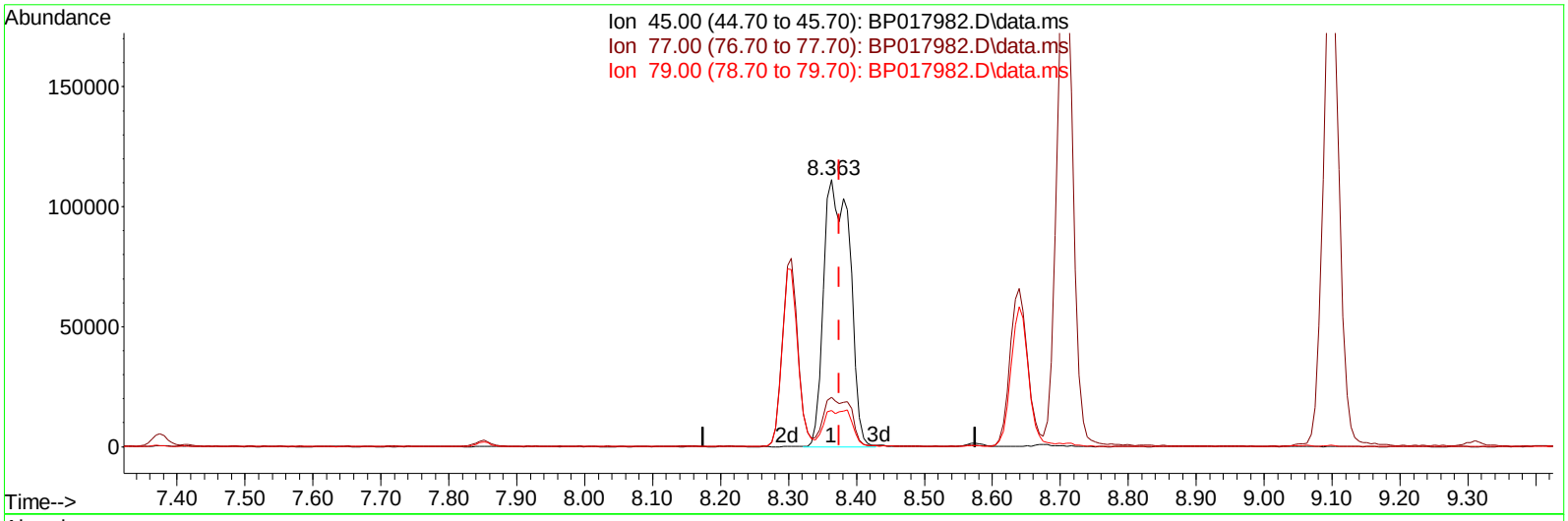

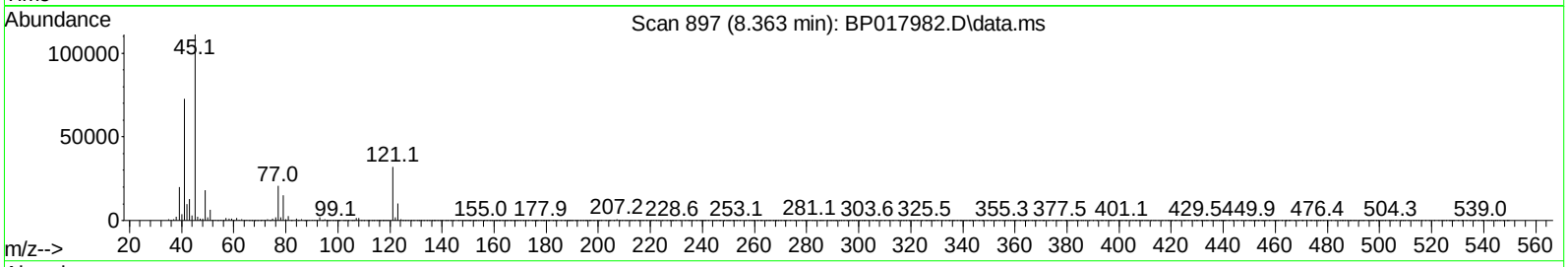

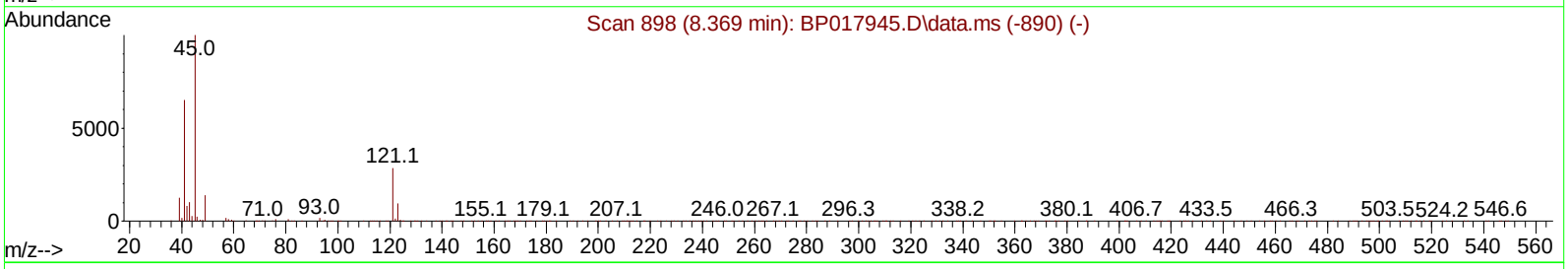

TIC: BP017982.D\data.ms

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

8.363min (-0.012) 39.93 ng/ul m

response 295662

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.50	18.62
79.00	14.00	13.57
0.00	0.00	0.00

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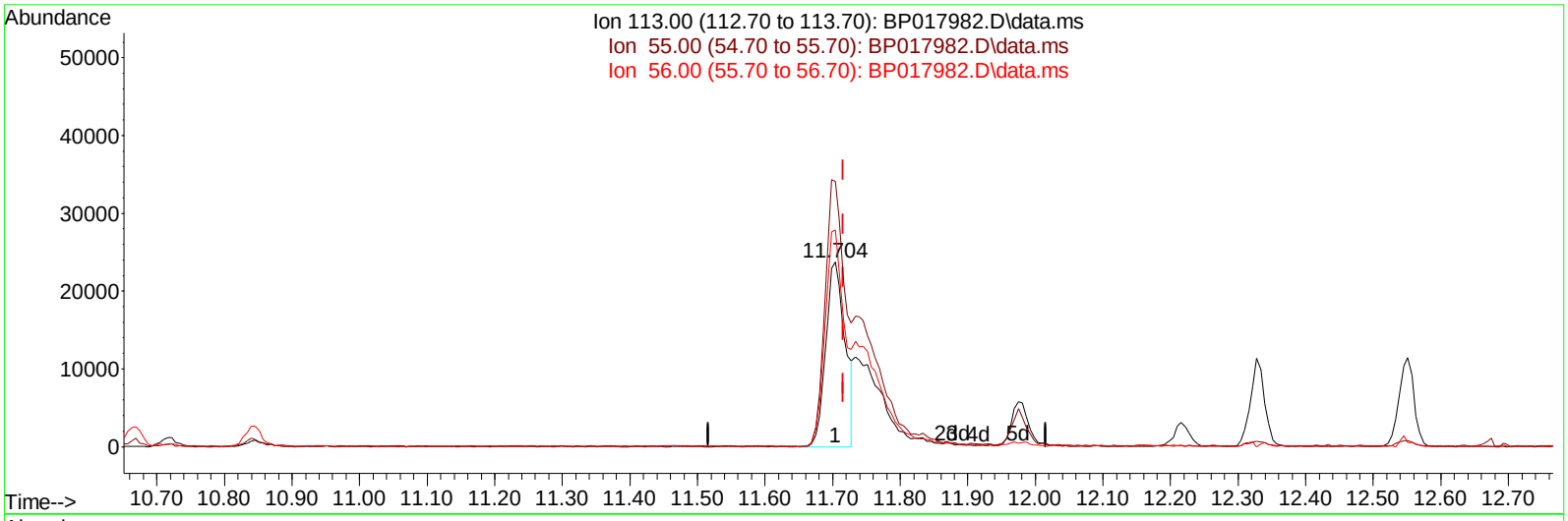

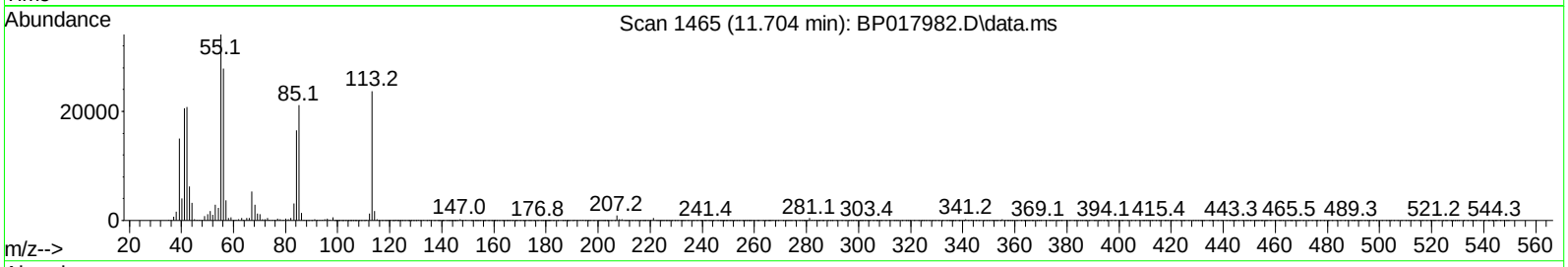

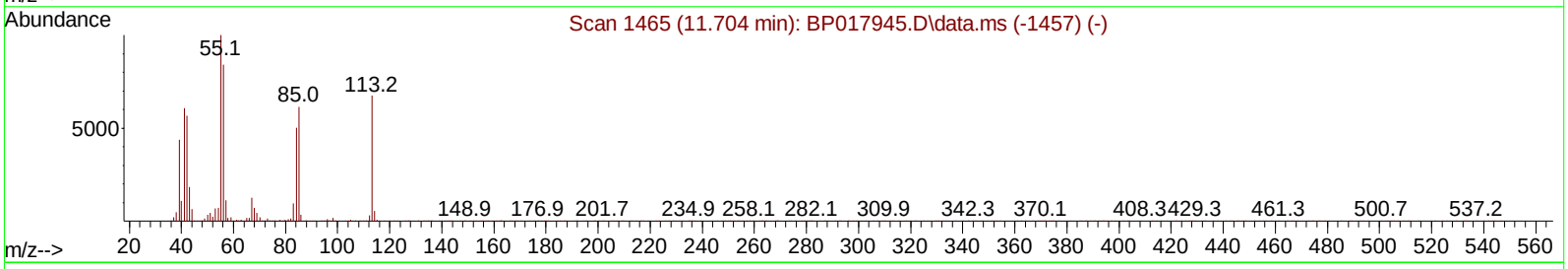

TIC: BP017982.D\data.ms

(34) Caprolactam

11.704min (-0.012) 25.69 ng/ul

response 48015

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.60	143.69
56.00	114.60	117.34
0.00	0.00	0.00

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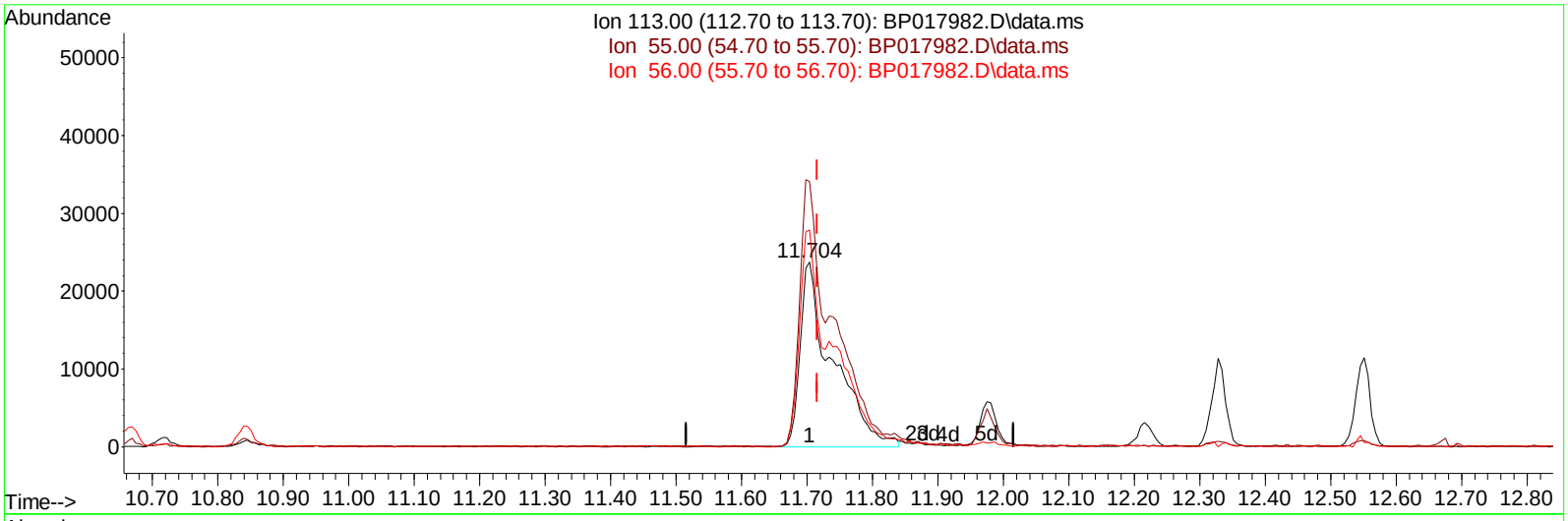

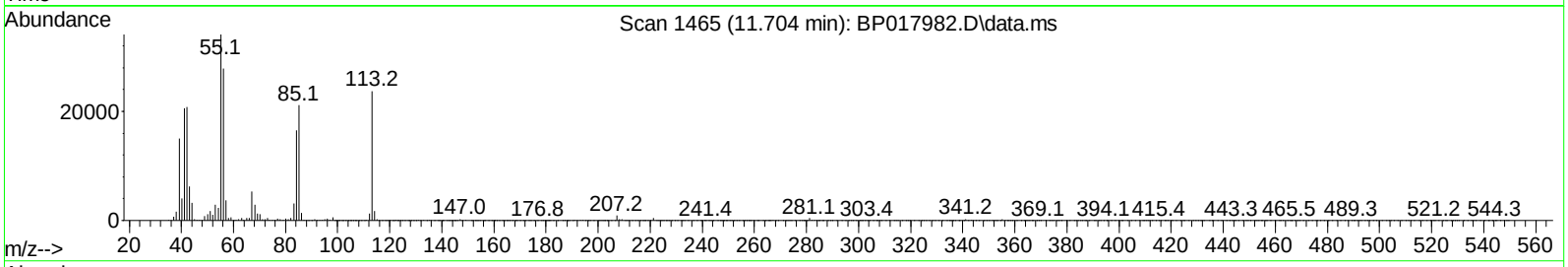

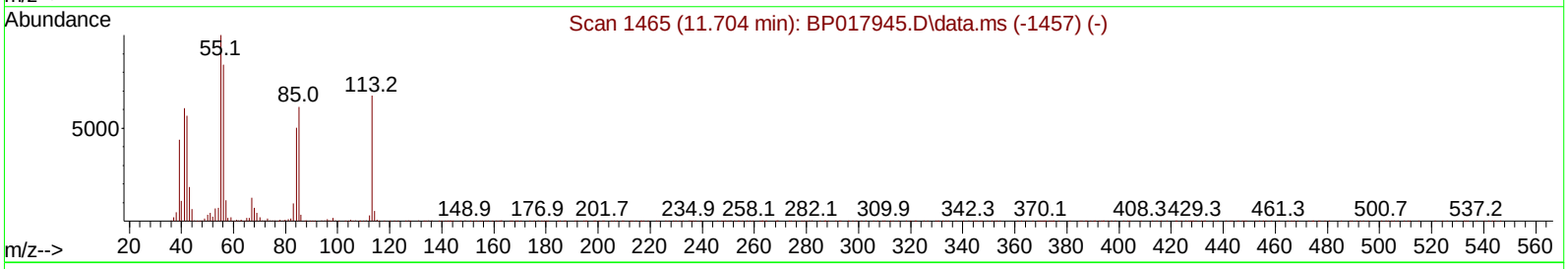

TIC: BP017982.D\data.ms

(34) Caprolactam

11.704min (-0.012) 43.76 ng/ul m

response 81798

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.60	143.69
56.00	114.60	117.34
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 09 Nov 2023 03:03
Operator : MA/JU
Sample : PB156653BS
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Nov 09 03:42:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/09/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	87054	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.669	136	359441	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.516	164	221168	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	478193	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.410	240	428473	20.000	ng/ul	0.00
88) Perylene-d12	23.886	264	451757	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	16934	7.445	ng/uL	0.00
4) Pyridine-d5	3.675	84	226362	35.859	ng/ul	0.00
7) Phenol-d5	7.016	99	321594	39.394	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.204	67	189742	38.530	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	248999	39.694	ng/ul	-0.01
15) 4-Methylphenol-d8	8.575	113	259638	38.480	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	124736	43.425	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	143252	43.299	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.287	165	259130	42.724	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.839	131	320257	36.437	ng/ul	-0.01
46) Dimethylphthalate-d6	13.939	166	770409	39.726	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	856680	40.258	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	127303	42.694	ng/ul	-0.01
60) Fluorene-d10	15.516	176	632055	38.939	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	132922	38.010	ng/ul	0.00
73) Anthracene-d10	17.392	188	988356	39.752	ng/ul	0.00
81) Pyrene-d10	19.639	212	1151127	42.322	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	1067356	42.285	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	35322	14.222	ng/uL	93
5) Pyridine	3.693	79	224215	34.162	ng/ul	95
6) Benzaldehyde	7.022	77	168950	37.209	ng/ul	96
8) Phenol	7.046	94	322596	40.170	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.298	93	255349	39.701	ng/ul	97
12) 2-Chlorophenol	7.410	128	257442	41.326	ng/ul	98
13) 2-Methylphenol	8.304	108	244729	39.639	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.363	45	295662m	39.929	ng/ul	
16) Acetophenone	8.710	105	411352	37.988	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.675	70	222547	39.271	ng/ul	98
18) 4-Methylphenol	8.640	108	263383	39.656	ng/ul	98
19) Hexachloroethane	8.904	117	120379	38.684	ng/ul	95
22) Nitrobenzene	9.098	77	340431	43.455	ng/ul	100
23) Isophorone	9.604	82	614328	43.121	ng/ul	99
25) 2-Nitrophenol	9.798	139	151804	44.337	ng/ul	98
26) 2,4-Dimethylphenol	9.840	107	278308	38.488	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.092	93	348646	44.488	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	253197	43.166	ng/ul	96
30) Naphthalene	10.716	128	839243	40.229	ng/ul	99
32) 4-Chloroaniline	10.863	127	288577	34.188	ng/ul	97
33) Hexachlorobutadiene	10.934	225	178168	36.507	ng/ul	97
34) Caprolactam	11.704	113	81798m	43.757	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	290787	42.823	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	12.328	142	569238	39.990	ng/ul	100
37) 1-Methylnaphthalene	12.551	142	565661	38.465	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.681	216	308154	40.224	ng/ul	98
40) Hexachlorocyclopentadiene	12.622	237	136215	33.388	ng/ul	96
41) 2,4,6-Trichlorophenol	12.945	196	208424	43.035	ng/ul	96
42) 2,4,5-Trichlorophenol	13.022	196	222816	44.676	ng/ul	98
43) 1,1'-Biphenyl	13.345	154	753661	41.786	ng/ul	97
44) 2-Chloronaphthalene	13.392	162	600600	41.800	ng/ul	97
45) 2-Nitroaniline	13.645	65	204997	47.649	ng/ul	97
47) Dimethylphthalate	13.986	163	777363	40.646	ng/ul	100
48) 2,6-Dinitrotoluene	14.139	165	164116	43.234	ng/ul	97
50) Acenaphthylene	14.245	152	997497	41.880	ng/ul	100
51) 3-Nitroaniline	14.480	138	155444	43.472	ng/ul	93
52) Acenaphthene	14.580	153	646984	40.986	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	81180	36.333	ng/ul#	84
55) 4-Nitrophenol	14.780	109	165303	42.730	ng/ul	97
56) Dibenzofuran	14.922	168	892259	40.920	ng/ul	100
57) 2,4-Dinitrotoluene	14.928	165	246113	43.386	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.139	232	185573	39.929	ng/ul#	92
59) Diethylphthalate	15.339	149	822422	41.271	ng/ul	99
61) Fluorene	15.575	166	752033	40.733	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.563	204	377686	39.530	ng/ul	100
63) 4-Nitroaniline	15.657	138	161167	47.643	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.680	198	142573	39.026	ng/ul#	95
67) N-Nitrosodiphenylamine	15.792	169	617187	41.935	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	220426	39.146	ng/ul#	91
69) Hexachlorobenzene	16.545	284	248741	38.486	ng/ul#	90
70) Atrazine	16.751	200	197231	35.088	ng/ul	99
71) Pentachlorophenol	16.922	266	147133	37.478	ng/ul	95
72) Phenanthrene	17.333	178	1174170	41.760	ng/ul	98
74) Anthracene	17.427	178	1191048	41.673	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	304009	40.565	ng/uL	99
76) Pentachlorobenzene	14.810	250	275289	36.811	ng/uL	98
77) Carbazole	17.721	167	1067036	41.868	ng/ul	99
78) Di-n-butylphthalate	18.227	149	1406728	44.360	ng/ul	99
80) Fluoranthene	19.310	202	1399705	44.095	ng/ul	99
82) Pyrene	19.668	202	1450183	43.800	ng/ul	100
83) Butylbenzylphthalate	20.533	149	657059	45.107	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.339	252	416728	38.907	ng/ul	98
85) Benzo(a)anthracene	21.392	228	1420861	43.060	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.268	149	942714	44.692	ng/ul	99
87) Chrysene	21.451	228	1306669	42.703	ng/ul	99
89) Di-n-octyl phthalate	22.221	149	1614915	42.326	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1359435	43.599	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	1323105	42.315	ng/ul	100
93) Benzo(a)pyrene	23.780	252	1274516	43.970	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.527	276	1532315	44.385	ng/ul	99
95) Dibenzo(a,h)anthracene	26.550	278	1270905	44.254	ng/ul	99
96) Benzo(g,h,i)perylene	27.344	276	1216030	44.244	ng/ul	99

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

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