Quantitation Report (Qedit)

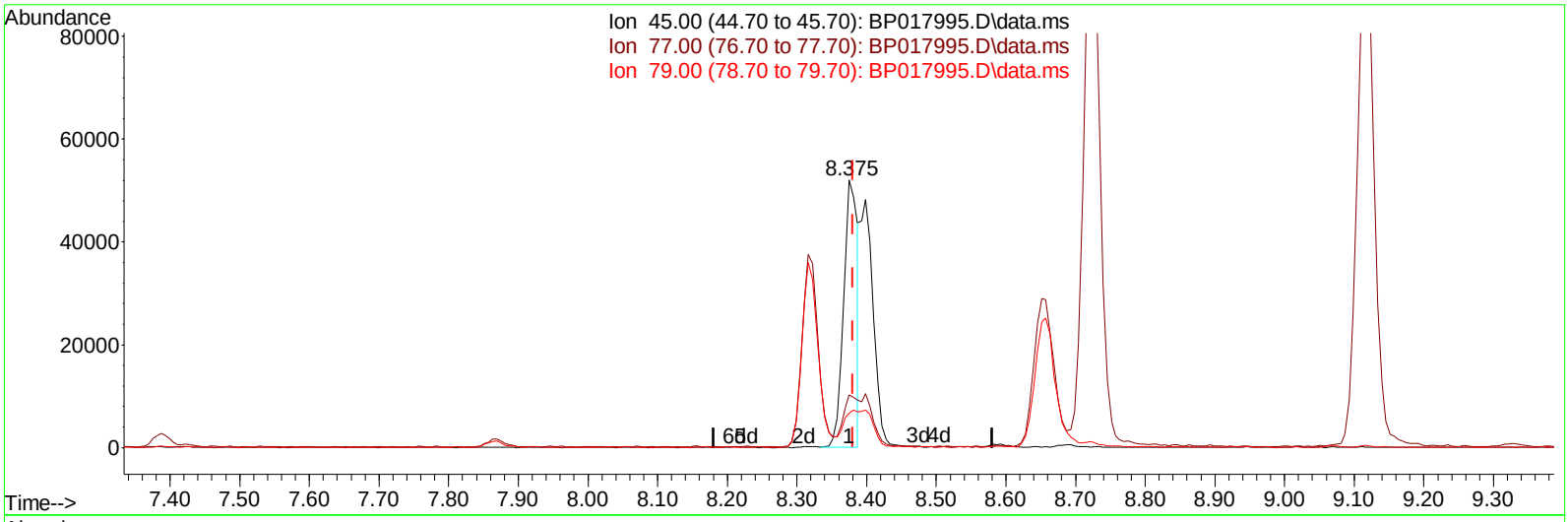
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP017995.D
Acq On : 09 Nov 2023 18:58
Operator : MA/JU
Sample : PB156741BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

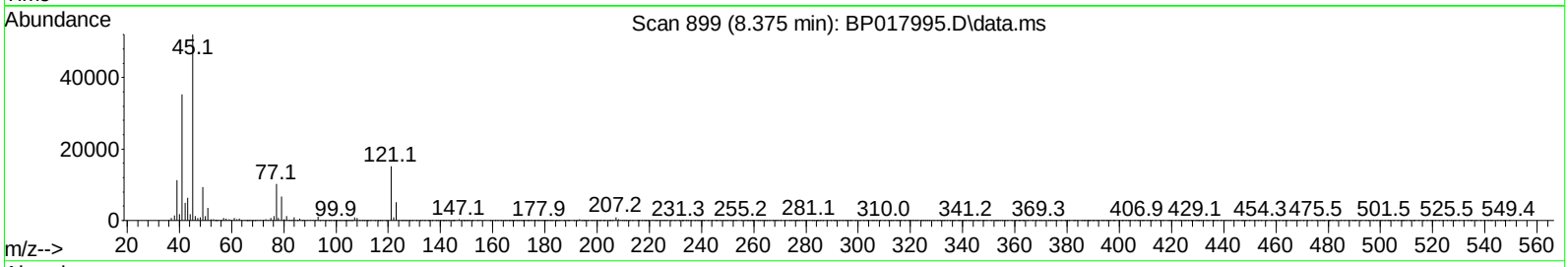
Quant Time: Nov 09 23:16:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 22:34:38 2023
Response via : Initial Calibration

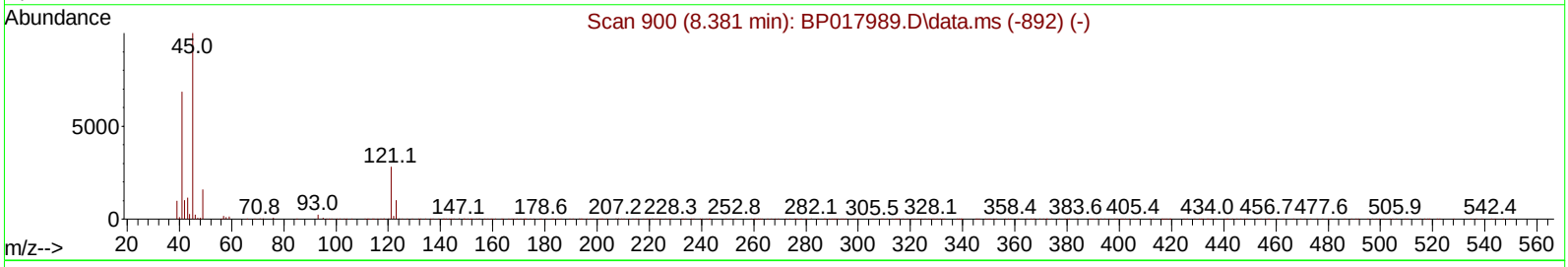
Instrument :
BNA_P
ClientSampleId :
SLCS741

Manual IntegrationsAPPROVED

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







TIC: BP017995.D\data.ms

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

8.375min (-0.006) 15.53 ng/ul

response 72193

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.70	19.60
79.00	13.30	12.76
0.00	0.00	0.00

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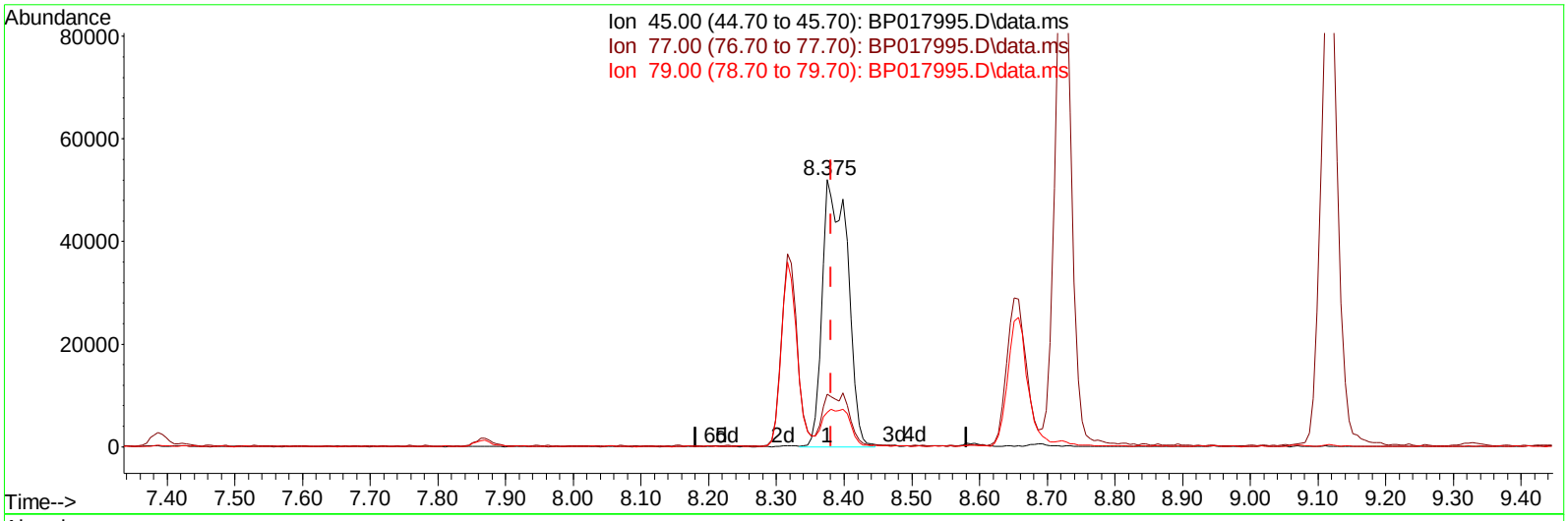

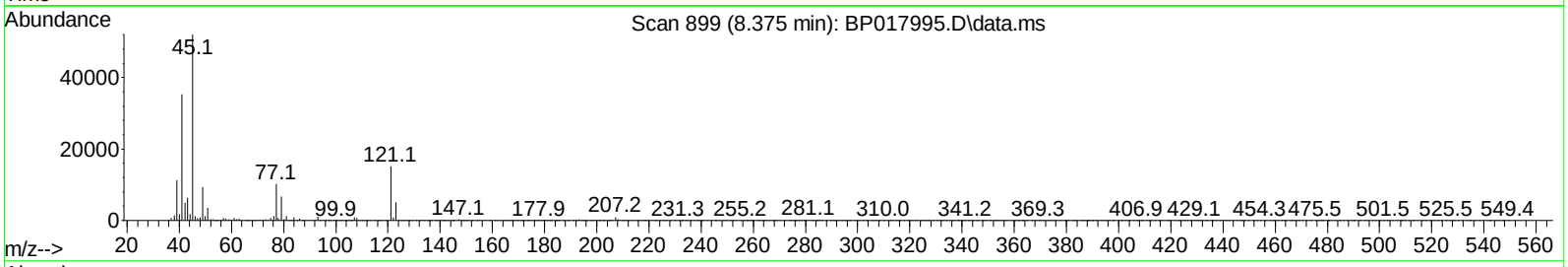

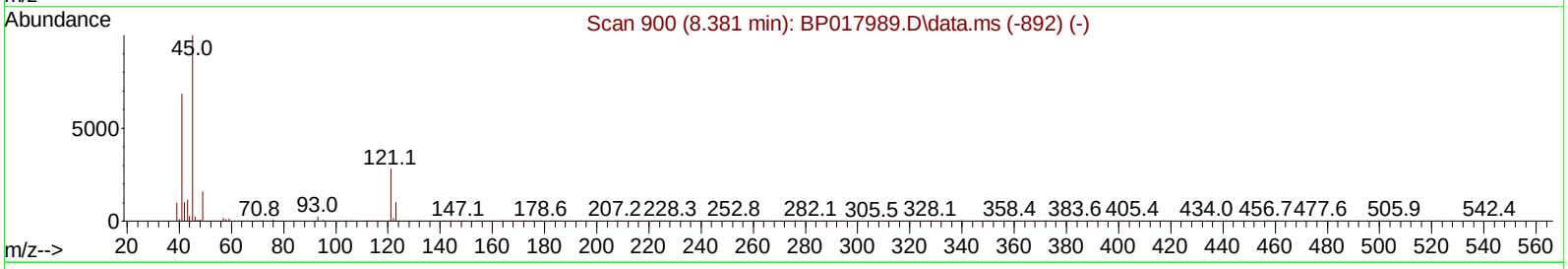

TIC: BP017995.D\data.ms

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

8.375min (-0.006) 28.99 ng/ul m

response 134777

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.70	19.60
79.00	13.30	12.76
0.00	0.00	0.00

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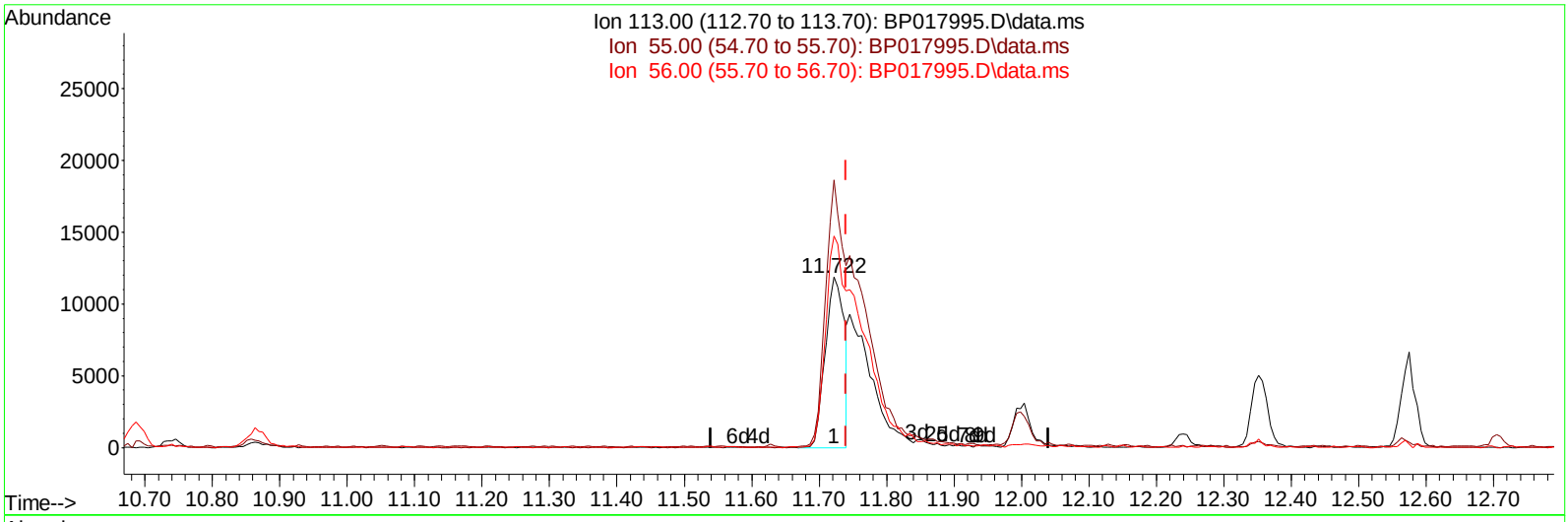

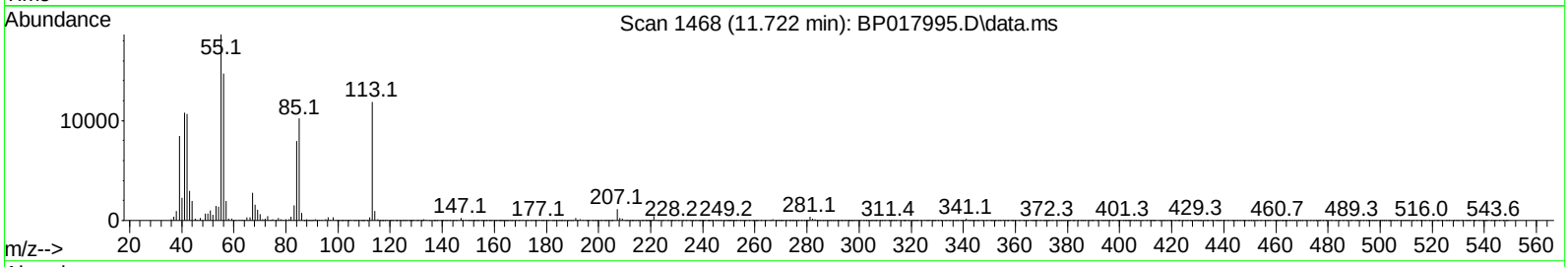

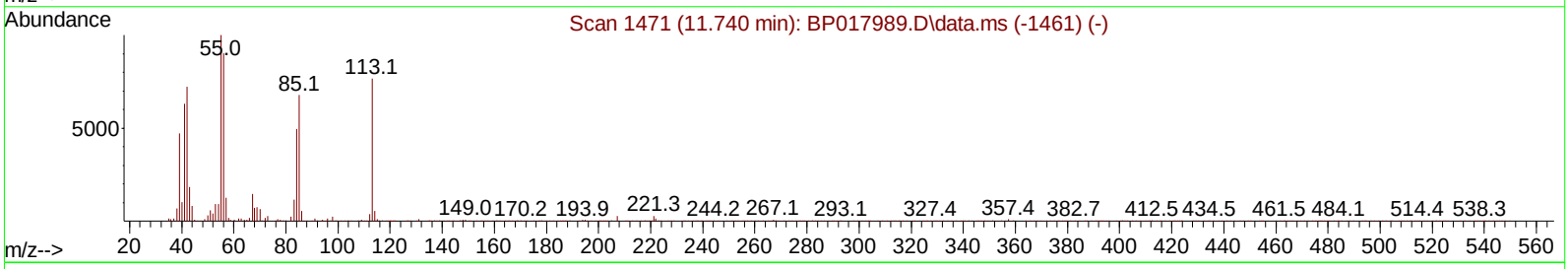

TIC: BP017995.D\data.ms

(34) Caprolactam

11.722min (-0.018) 18.56 ng/ul

response 23307

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	131.60	156.89
56.00	117.70	124.05
0.00	0.00	0.00

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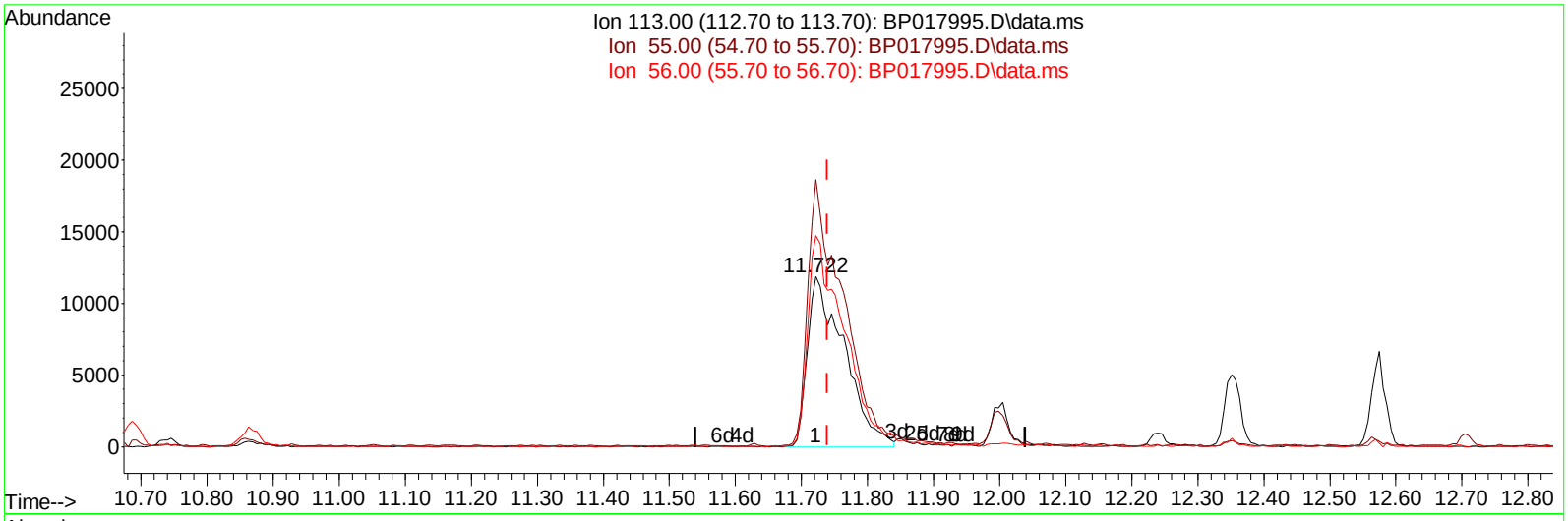

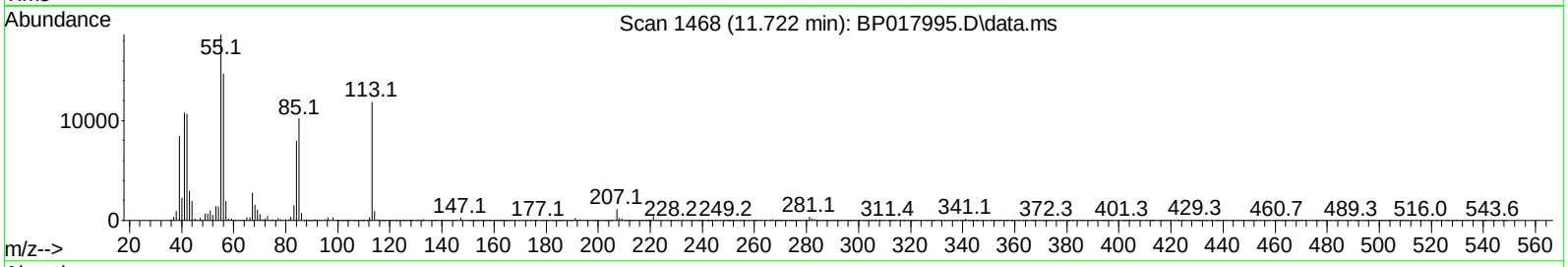

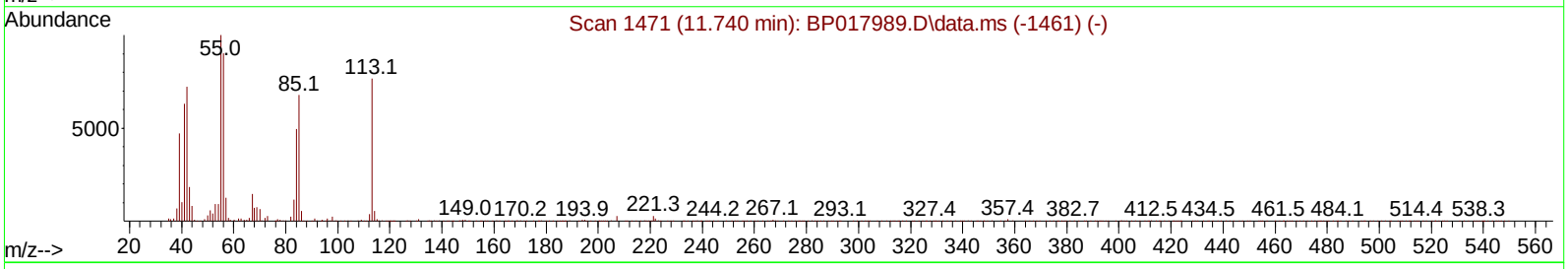

TIC: BP017995.D\data.ms

(34) Caprolactam

11.722min (-0.018) 36.46 ng/ul m

response 45778

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	131.60	156.89
56.00	117.70	124.05
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	54924	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	234629	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	163658	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	385620	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	393574	20.000	ng/ul	0.00
88) Perylene-d12	23.963	264	435203	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	8770	5.466	ng/uL	0.00
4) Pyridine-d5	3.675	84	113052	27.111	ng/ul	0.00
7) Phenol-d5	7.028	99	149423	28.949	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	88460	28.293	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	115975	28.082	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	123497	29.831	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	59422	28.281	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	66805	28.568	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	121926	29.105	ng/ul	0.00
31) 4-Chloroaniline-d4	10.863	131	163918	28.554	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	439628	29.222	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	459360	28.481	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	68081	30.897	ng/ul	0.00
60) Fluorene-d10	15.539	176	358351	28.738	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	80941	30.060	ng/ul	0.00
73) Anthracene-d10	17.422	188	588566	28.485	ng/ul	0.00
81) Pyrene-d10	19.674	212	747879	29.525	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	753441	29.785	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	18678	10.332	ng/uL	96
5) Pyridine	3.699	79	121216	28.317	ng/ul	95
6) Benzaldehyde	7.034	77	90735	31.937	ng/ul	93
8) Phenol	7.058	94	153113	30.125	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.310	93	118493	29.538	ng/ul	97
12) 2-Chlorophenol	7.422	128	121001	28.804	ng/ul	98
13) 2-Methylphenol	8.316	108	112813	29.615	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.375	45	134777m	28.989	ng/ul	
16) Acetophenone	8.722	105	197843	29.887	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.687	70	109059	30.080	ng/ul	98
18) 4-Methylphenol	8.652	108	123270	29.841	ng/ul	100
19) Hexachloroethane	8.922	117	56663	28.216	ng/ul	91
22) Nitrobenzene	9.116	77	169302	29.614	ng/ul	97
23) Isophorone	9.622	82	302722	29.908	ng/ul	98
25) 2-Nitrophenol	9.816	139	72062	29.968	ng/ul	94
26) 2,4-Dimethylphenol	9.857	107	135833	26.426	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.116	93	166361	29.112	ng/ul	97
29) 2,4-Dichlorophenol	10.340	162	121679	30.291	ng/ul	98
30) Naphthalene	10.740	128	408407	28.707	ng/ul	99
32) 4-Chloroaniline	10.887	127	156056	28.414	ng/ul	97
33) Hexachlorobutadiene	10.957	225	86105	28.852	ng/ul	98
34) Caprolactam	11.722	113	45778m	36.460	ng/ul	
35) 4-Chloro-3-methylphenol	11.998	107	151783	31.734	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	12.351	142	288511	29.670	ng/ul	95
37) 1-Methylnaphthalene	12.575	142	288537	29.127	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.704	216	157230	28.333	ng/ul	98
40) Hexachlorocyclopentadiene	12.640	237	61889	23.327	ng/ul	99
41) 2,4,6-Trichlorophenol	12.969	196	106633	29.416	ng/ul	97
42) 2,4,5-Trichlorophenol	13.045	196	113332	29.212	ng/ul	95
43) 1,1'-Biphenyl	13.369	154	396993	28.528	ng/ul	96
44) 2-Chloronaphthalene	13.422	162	314826	28.599	ng/ul	99
45) 2-Nitroaniline	13.669	65	111509	32.021	ng/ul	93
47) Dimethylphthalate	14.010	163	454051	29.916	ng/ul	98
48) 2,6-Dinitrotoluene	14.163	165	90441	31.735	ng/ul	96
50) Acenaphthylene	14.269	152	538516	29.154	ng/ul	100
51) 3-Nitroaniline	14.510	138	83492	31.282	ng/ul	96
52) Acenaphthene	14.604	153	354890	28.914	ng/ul	99
53) 2,4-Dinitrophenol	14.722	184	45375	29.595	ng/ul	90
55) 4-Nitrophenol	14.810	109	99982	33.494	ng/ul	90
56) Dibenzofuran	14.945	168	498032	29.395	ng/ul	99
57) 2,4-Dinitrotoluene	14.957	165	141427	32.445	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.169	232	106350	31.489	ng/ul	98
59) Diethylphthalate	15.369	149	513020	21.004	ng/ul	99
61) Fluorene	15.598	166	430845	30.152	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.592	204	212977	30.364	ng/ul	96
63) 4-Nitroaniline	15.686	138	87585	34.655	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.710	198	87191	30.910	ng/ul#	98
67) N-Nitrosodiphenylamine	15.822	169	362648	29.363	ng/ul	99
68) 4-Bromophenyl-phenylether	16.498	248	128692	30.566	ng/ul	99
69) Hexachlorobenzene	16.575	284	143183	29.999	ng/ul	97
70) Atrazine	16.781	200	141519	33.113	ng/ul	97
71) Pentachlorophenol	16.951	266	88109	29.955	ng/ul	98
72) Phenanthrene	17.363	178	716160	29.836	ng/ul	97
74) Anthracene	17.457	178	722386	29.768	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	162049	28.009	ng/uL	97
76) Pentachlorobenzene	14.839	250	163633	28.782	ng/uL	96
77) Carbazole	17.751	167	664810	31.725	ng/ul	99
78) Di-n-butylphthalate	18.257	149	870465	30.887	ng/ul	99
80) Fluoranthene	19.345	202	900281	30.708	ng/ul	100
82) Pyrene	19.704	202	939742	30.328	ng/ul	99
83) Butylbenzylphthalate	20.569	149	429859	32.036	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.374	252	293466	31.467	ng/ul	99
85) Benzo(a)anthracene	21.433	228	984868	31.126	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.310	149	609139	32.375	ng/ul	98
87) Chrysene	21.486	228	905574	30.386	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	1062652	32.169	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	941042	30.086	ng/ul	98
91) Benzo(k)fluoranthene	23.233	252	964167	30.885	ng/ul	99
93) Benzo(a)pyrene	23.851	252	911102	30.903	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.639	276	1063649	30.439	ng/ul	98
95) Dibenzo(a,h)anthracene	26.656	278	880970	30.494	ng/ul	100
96) Benzo(g,h,i)perylene	27.468	276	846637	30.360	ng/ul	99

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

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