Quantitation Report (Qedit)

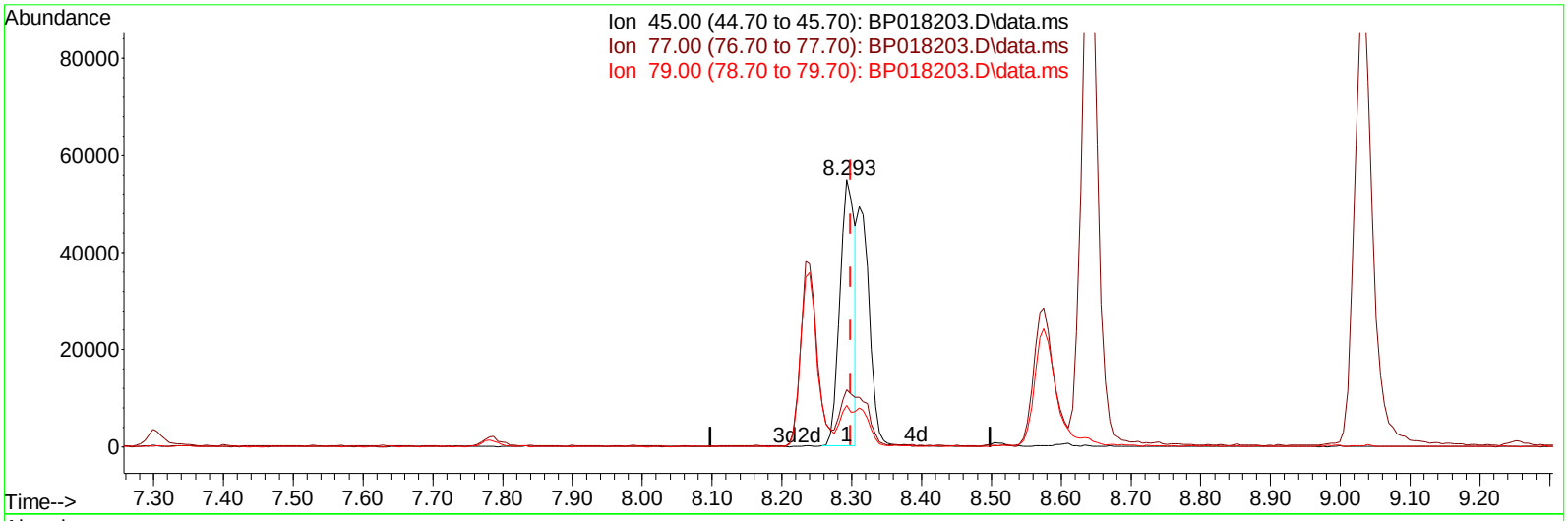
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
Data File : BP018203.D
Acq On : 16 Nov 2023 08:21
Operator : MA/JU
Sample : PB157171BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

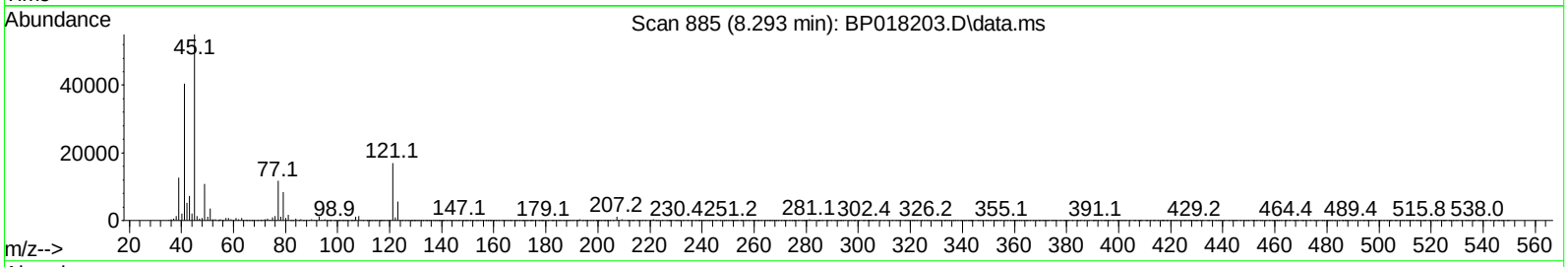
Quant Time: Nov 16 21:36:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 18:13:37 2023
Response via : Initial Calibration

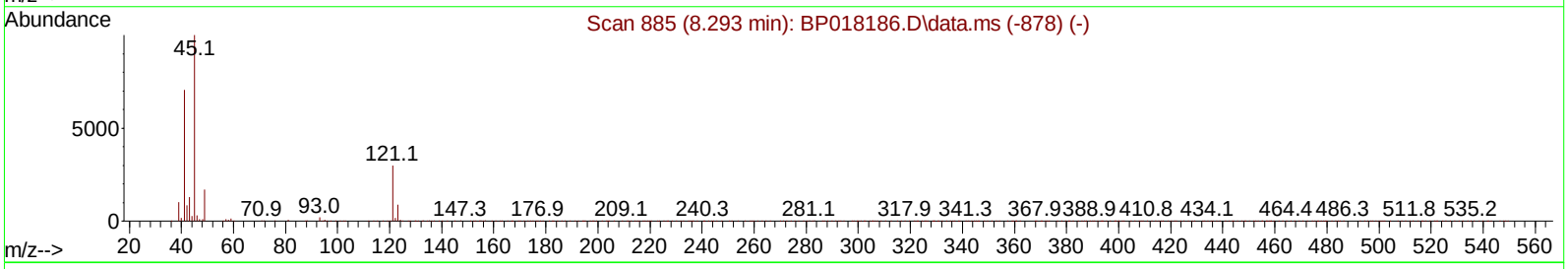
Instrument :
BNA_P
ClientSampleId :
SLCS171

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/17/2023







TIC: BP018203.D\data.ms

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

8.293min (-0.006) 14.97 ng/ul

response 81568

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	21.29
79.00	13.90	15.36
0.00	0.00	0.00

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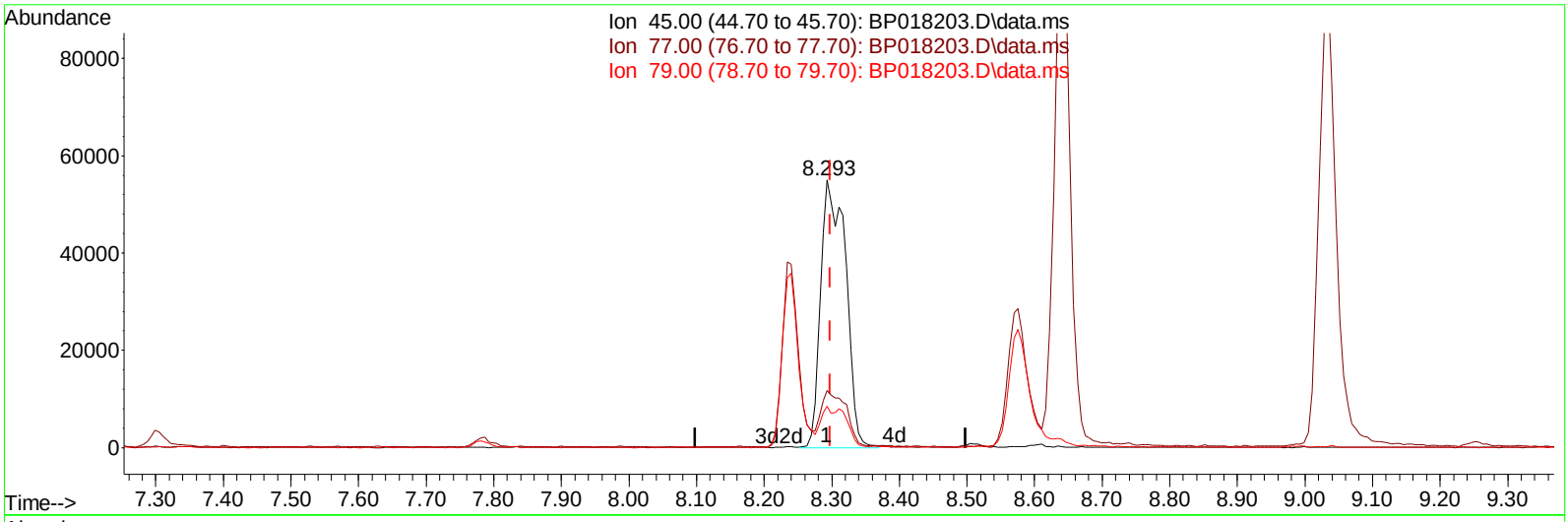

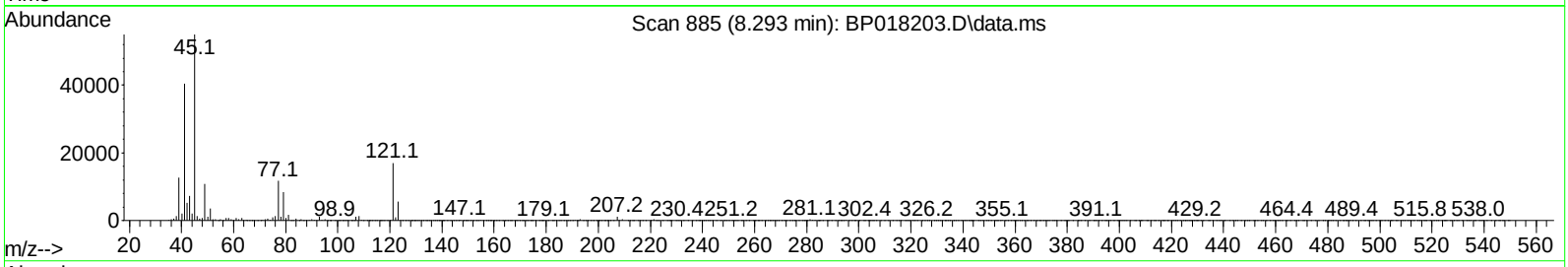

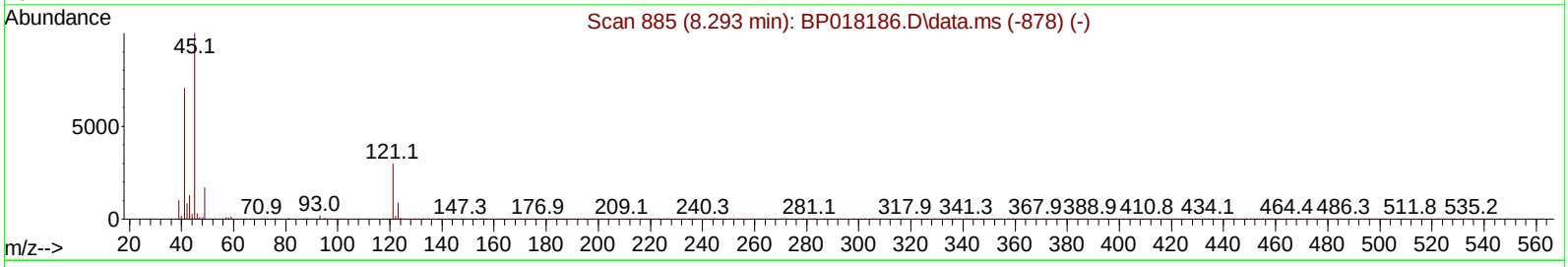

TIC: BP018203.D\data.ms

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

8.293min (-0.006) 25.98 ng/ul m

response 141588

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	21.29
79.00	13.90	15.36
0.00	0.00	0.00

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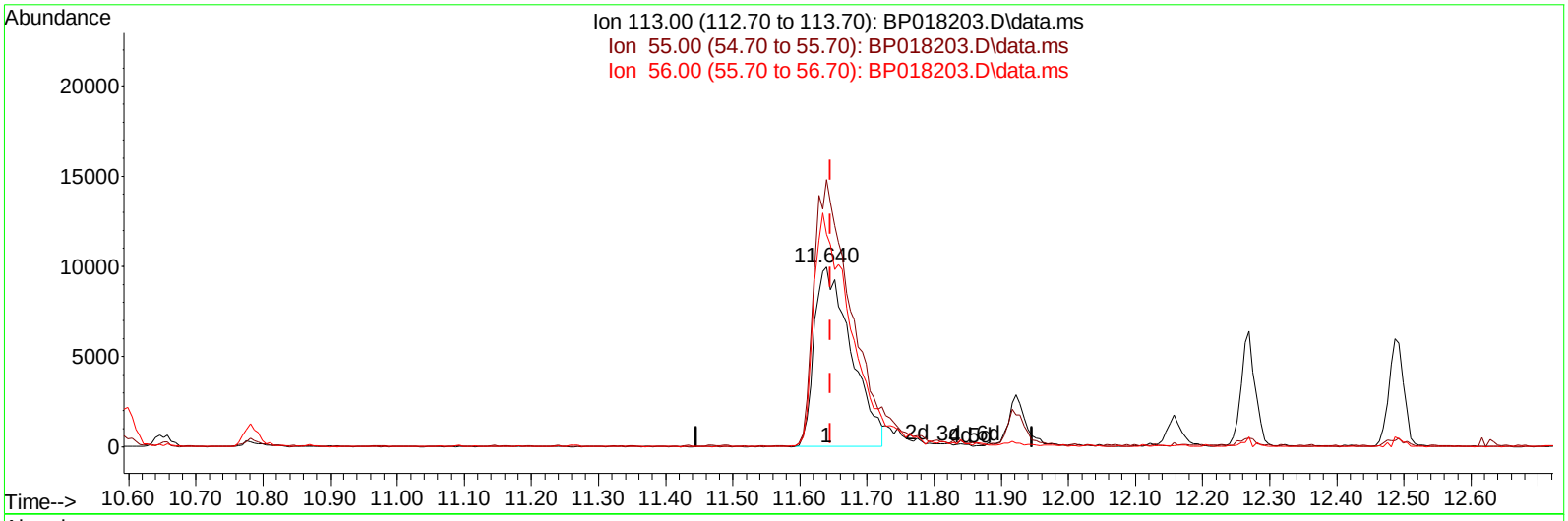

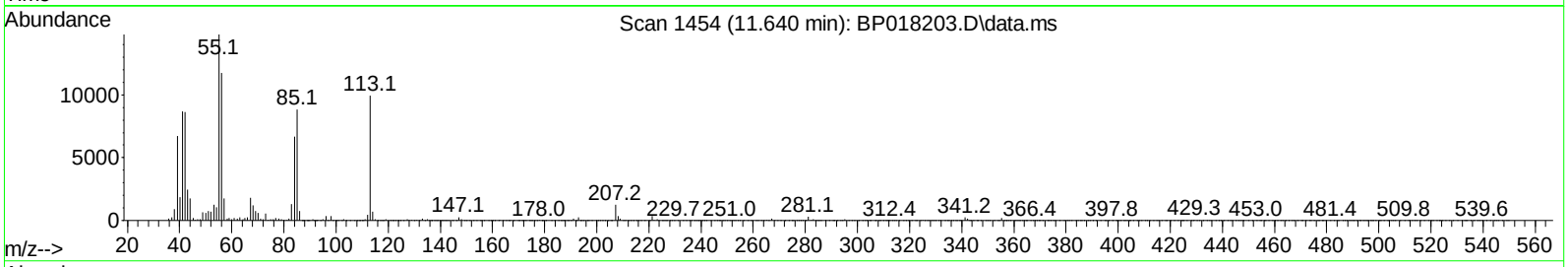

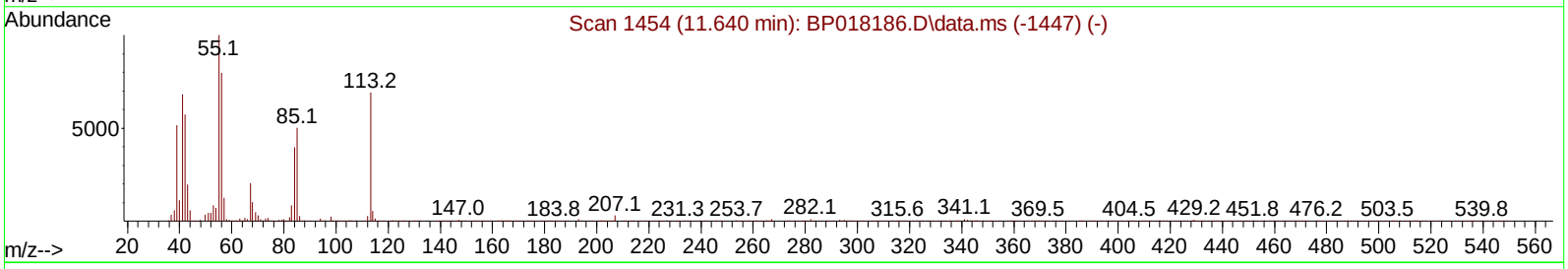

TIC: BP018203.D\data.ms

(34) Caprolactam

11.640min (-0.006) 25.31 ng/ul

response 38012

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	147.90	148.66
56.00	119.50	118.19
0.00	0.00	0.00

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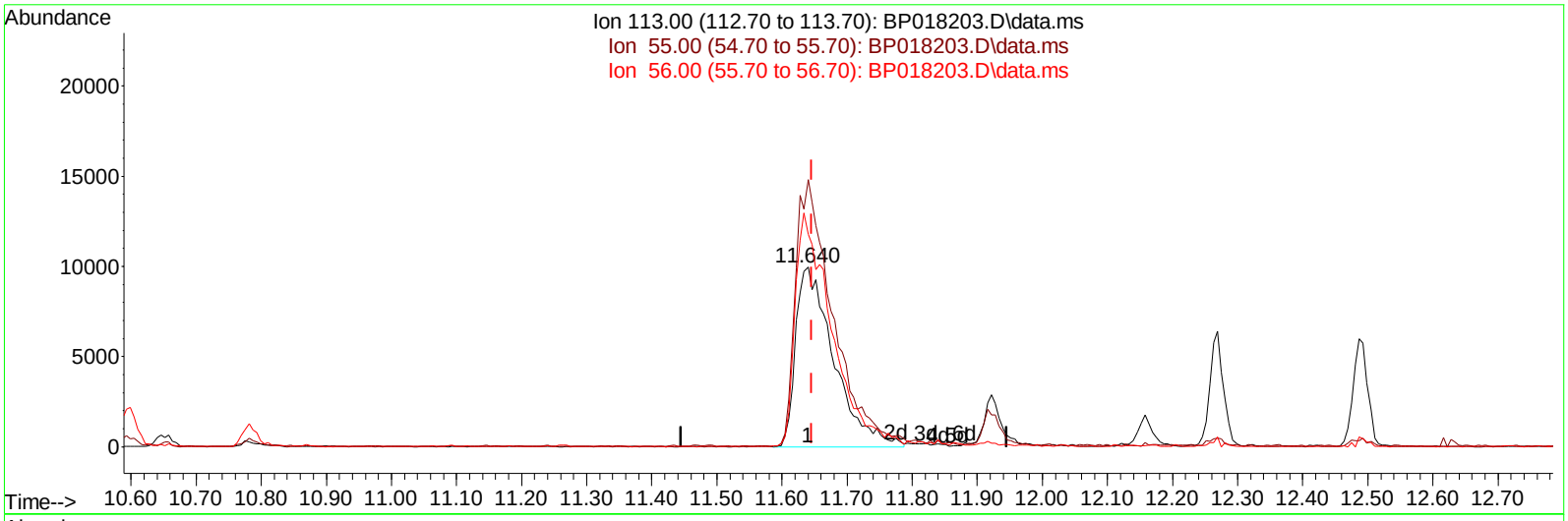

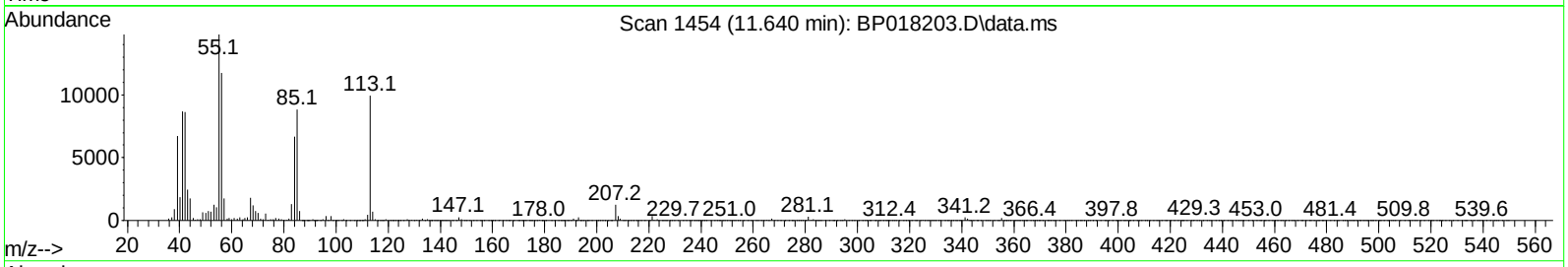

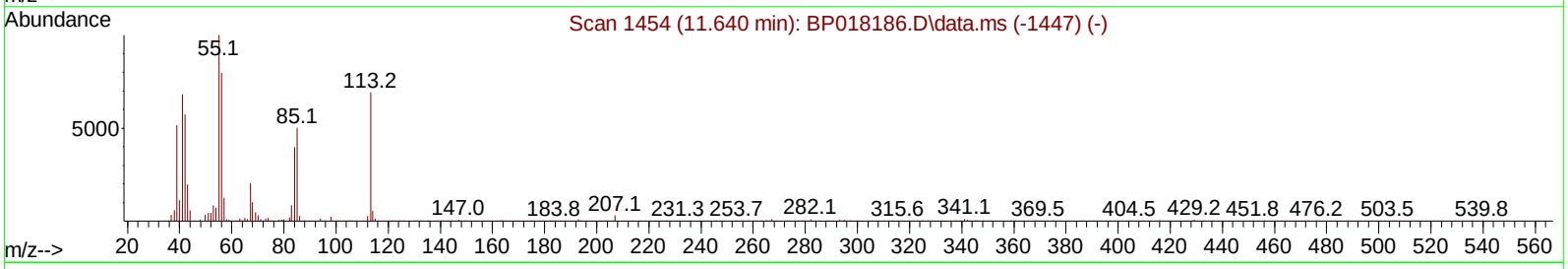

TIC: BP018203.D\data.ms

(34) Caprolactam

11.640min (-0.006) 26.92 ng/ul m

response 40419

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	147.90	148.66
56.00	119.50	118.19
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	64597	20.000	ng/ul	0.00
20) Naphthalene-d8	10.599	136	260214	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	170413	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	389668	20.000	ng/ul	0.00
79) Chrysene-d12	21.375	240	394534	20.000	ng/ul	0.00
88) Perylene-d12	23.845	264	429139	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	9221	5.036	ng/uL	0.00
4) Pyridine-d5	3.587	84	106991	22.409	ng/ul	0.00
7) Phenol-d5	6.952	99	152907	24.519	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	96690	26.382	ng/ul	0.00
11) 2-Chlorophenol-d4	7.305	132	124399	25.189	ng/ul	0.00
15) 4-Methylphenol-d8	8.511	113	122486	23.968	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	59157	25.233	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	68986	25.974	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	122767	25.934	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	117802	18.147	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	411088	26.145	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	435109	25.407	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	54527	23.207	ng/ul	-0.01
60) Fluorene-d10	15.463	176	341807	26.330	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	69151	24.548	ng/ul	0.00
73) Anthracene-d10	17.345	188	554102	26.292	ng/ul	0.00
81) Pyrene-d10	19.604	212	690244	26.192	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	687556	27.554	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	20494	10.256	ng/uL	98
5) Pyridine	3.611	79	120847	24.524	ng/ul	98
6) Benzaldehyde	6.958	77	81870	24.376	ng/ul	98
8) Phenol	6.981	94	154533	25.119	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.228	93	125175	26.227	ng/ul	96
12) 2-Chlorophenol	7.334	128	126587	25.529	ng/ul	97
13) 2-Methylphenol	8.240	108	112889	24.286	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.293	45	141588m	25.981	ng/ul	
16) Acetophenone	8.640	105	197862	24.358	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.605	70	107382	24.213	ng/ul	96
18) 4-Methylphenol	8.575	108	122623	24.189	ng/ul	100
19) Hexachloroethane	8.828	117	63661	26.834	ng/ul	91
22) Nitrobenzene	9.034	77	169960	26.849	ng/ul	96
23) Isophorone	9.534	82	288664	24.990	ng/ul	100
25) 2-Nitrophenol	9.734	139	72406	26.529	ng/ul	96
26) 2,4-Dimethylphenol	9.775	107	132029	22.741	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.028	93	165435	26.264	ng/ul	99
29) 2,4-Dichlorophenol	10.258	162	118990	26.323	ng/ul	98
30) Naphthalene	10.652	128	410894	25.965	ng/ul	100
32) 4-Chloroaniline	10.810	127	128789	20.712	ng/ul	97
33) Hexachlorobutadiene	10.863	225	89417	26.945	ng/ul	98
34) Caprolactam	11.640	113	40419m	26.916	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	142087	26.127	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	12.269	142	278500	25.635	ng/ul	98
37) 1-Methylnaphthalene	12.487	142	279548	25.040	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	151539	26.323	ng/ul	97
40) Hexachlorocyclopentadiene	12.557	237	55627	20.018	ng/ul	99
41) 2,4,6-Trichlorophenol	12.893	196	94457	25.012	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	102410	25.767	ng/ul	97
43) 1,1'-Biphenyl	13.287	154	378276	26.105	ng/ul	100
44) 2-Chloronaphthalene	13.340	162	296725	25.792	ng/ul	99
45) 2-Nitroaniline	13.599	65	102941	27.728	ng/ul	97
47) Dimethylphthalate	13.934	163	413547	26.812	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	80807	26.358	ng/ul	96
50) Acenaphthylene	14.193	152	499540	25.836	ng/ul	99
51) 3-Nitroaniline	14.440	138	72921	25.633	ng/ul#	91
52) Acenaphthene	14.528	153	335671	26.181	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	25753	15.398	ng/ul	94
55) 4-Nitrophenol	14.740	109	85025	27.262	ng/ul	90
56) Dibenzofuran	14.869	168	465831	26.513	ng/ul	96
57) 2,4-Dinitrotoluene	14.887	165	126298	27.574	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.093	232	83730	23.682	ng/ul#	95
59) Diethylphthalate	15.293	149	451255	28.003	ng/ul	100
61) Fluorene	15.522	166	400248	26.832	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	199356	27.272	ng/ul	99
63) 4-Nitroaniline	15.616	138	74637	27.803	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.640	198	71979	24.624	ng/ul	98
67) N-Nitrosodiphenylamine	15.745	169	336632	26.937	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	115403	26.277	ng/ul	95
69) Hexachlorobenzene	16.498	284	131550	26.844	ng/ul	98
70) Atrazine	16.710	200	72129	16.546	ng/ul	95
71) Pentachlorophenol	16.881	266	36611	12.307	ng/ul	100
72) Phenanthrene	17.287	178	656839	27.453	ng/ul	99
74) Anthracene	17.381	178	663289	27.166	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	153178	25.742	ng/uL	97
76) Pentachlorobenzene	14.757	250	152811	26.232	ng/uL	96
77) Carbazole	17.681	167	601159	28.353	ng/ul	99
78) Di-n-butylphthalate	18.186	149	807948	30.033	ng/ul	98
80) Fluoranthene	19.269	202	813187	26.422	ng/ul	100
82) Pyrene	19.633	202	858453	26.618	ng/ul	99
83) Butylbenzylphthalate	20.498	149	395104	29.131	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.304	252	250224	26.546	ng/ul	98
85) Benzo(a)anthracene	21.357	228	871701	27.362	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	575002	30.750	ng/ul	99
87) Chrysene	21.416	228	816746	27.404	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	1010447	31.485	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	856515	28.045	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	850418	27.677	ng/ul	100
93) Benzo(a)pyrene	23.733	252	805991	27.945	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.468	276	948605	27.423	ng/ul	98
95) Dibenzo(a,h)anthracene	26.492	278	789963	27.735	ng/ul	99
96) Benzo(g,h,i)perylene	27.286	276	751822	27.173	ng/ul	95

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

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