Quantitation Report (Qedit)

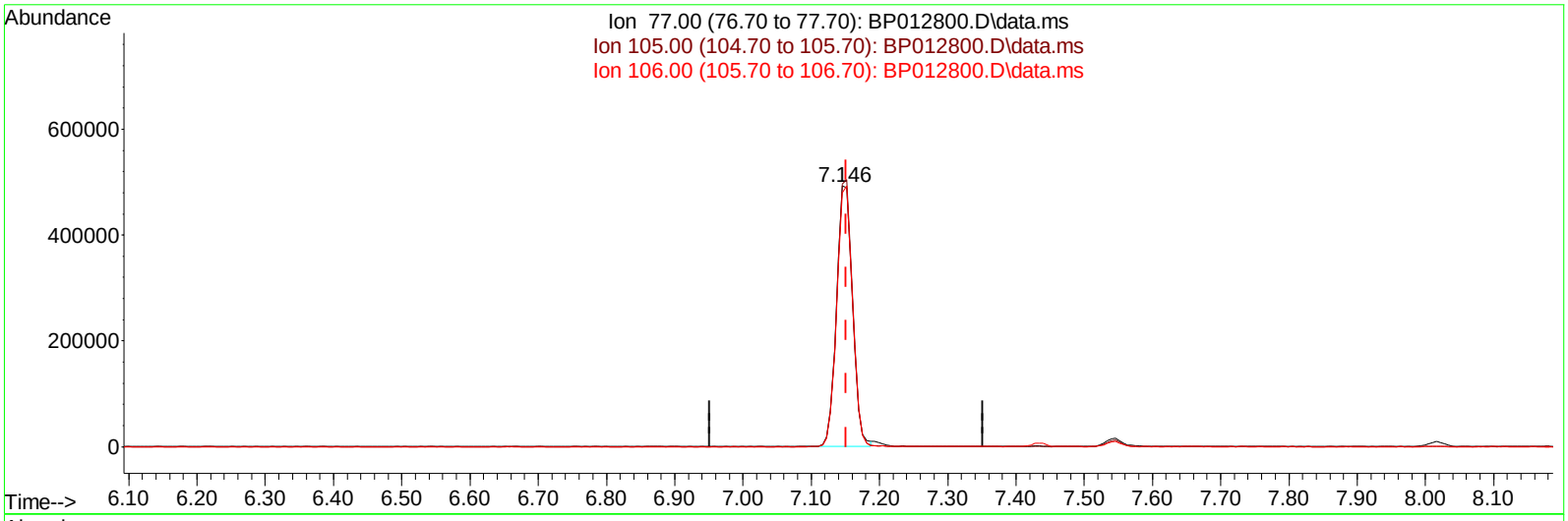
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012800.D
Acq On : 27 Nov 2022 10:37
Operator : CG/JU
Sample : PB149206BS
Misc :
ALS Vial : 75 Sample Multiplier: 1

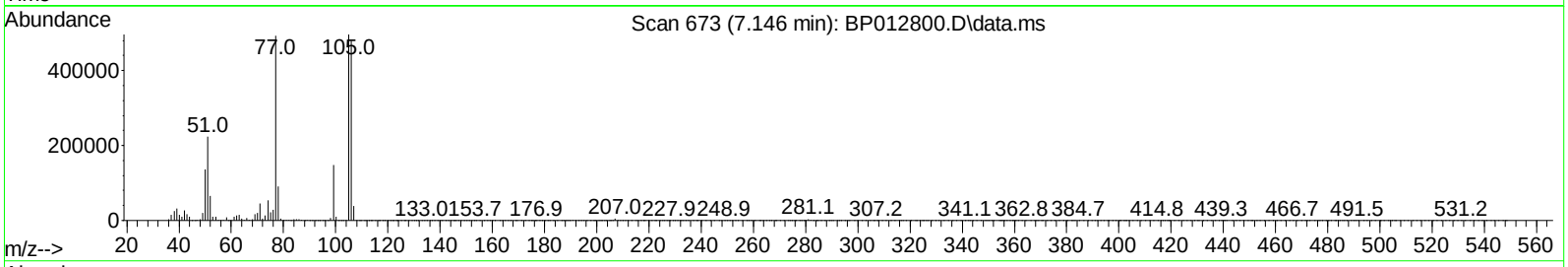
Quant Time: Nov 27 23:06:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 27 22:55:08 2022
Response via : Initial Calibration

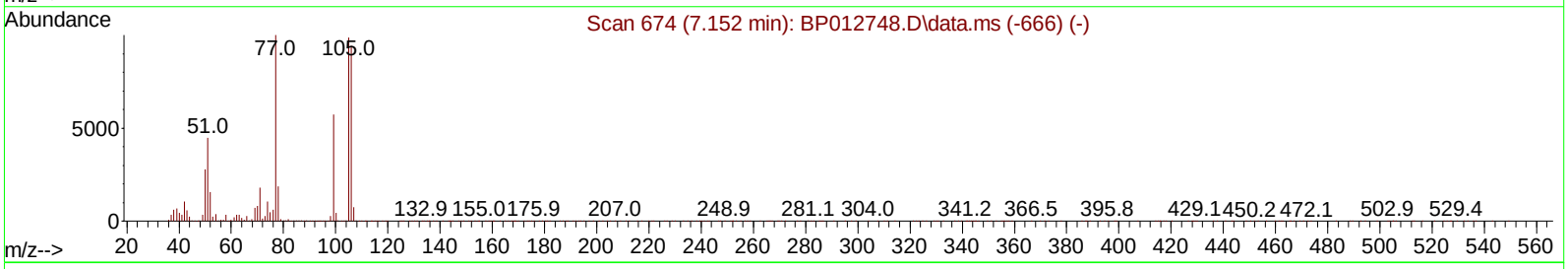
Instrument :
BNA_P
ClientSampleId :
SLCS206

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/28/2022
Supervised By :mohammad ahmed 11/30/2022







TIC: BP012800.D\data.ms

(6) Benzaldehyde

7.146min (-0.006) 41.28 ng/ul

response 799432

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.80	100.71
106.00	96.70	97.48
0.00	0.00	0.00

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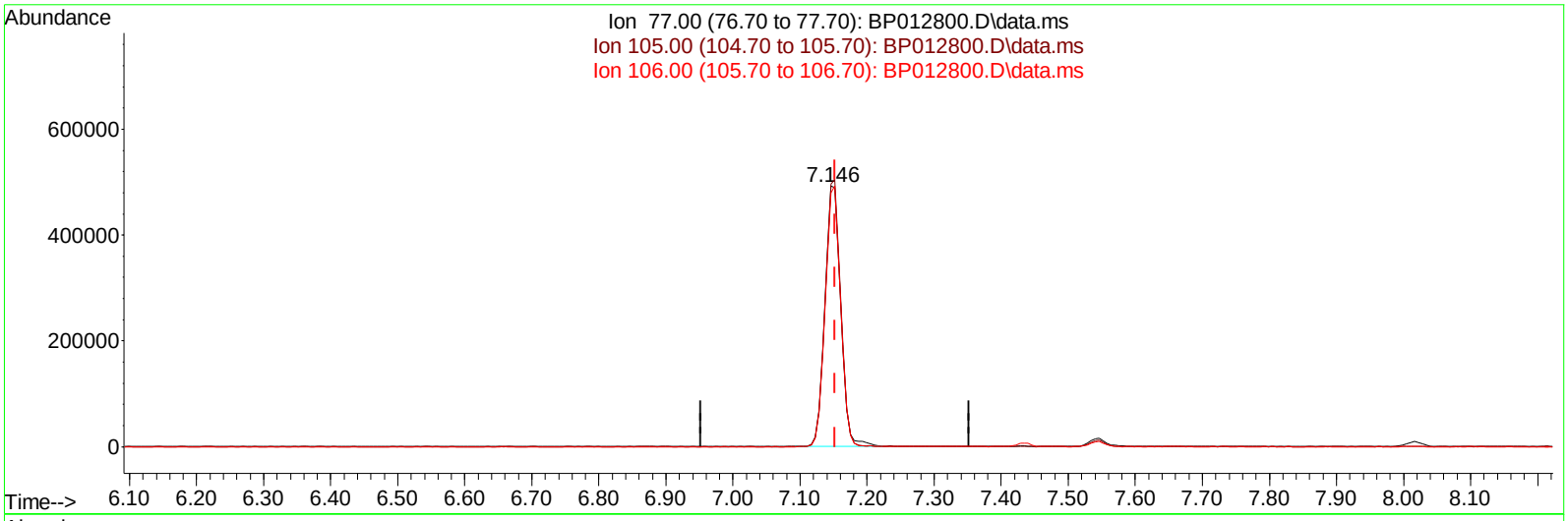

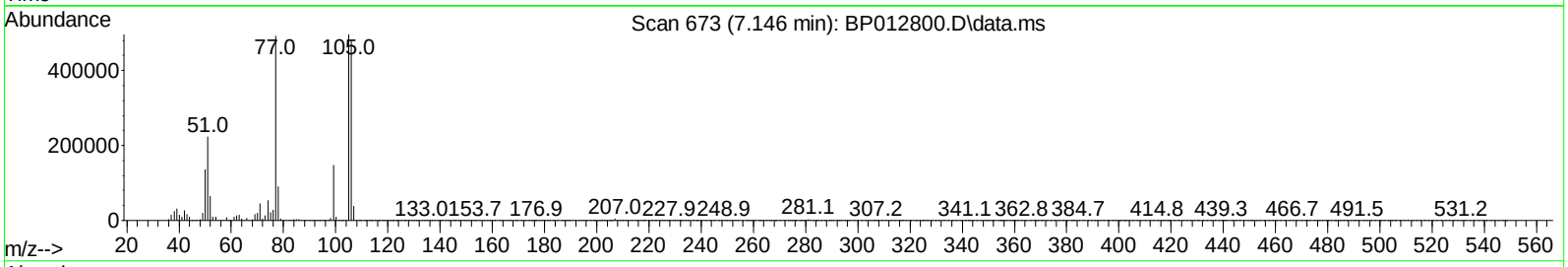

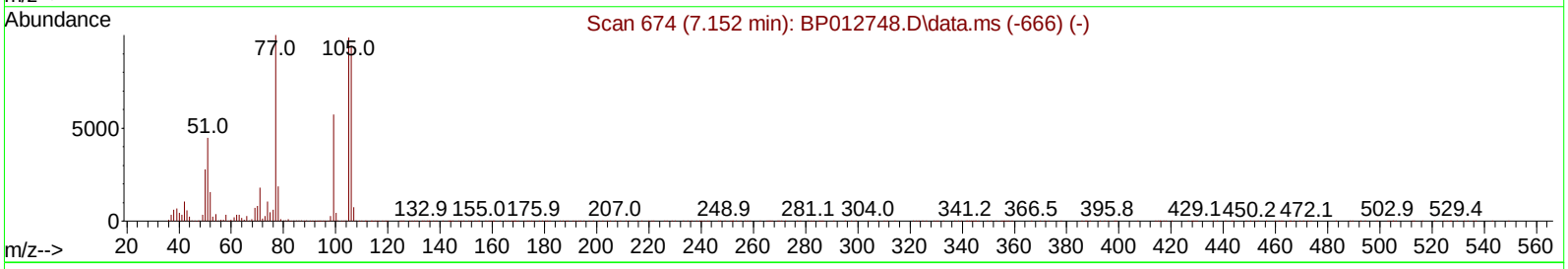

TIC: BP012800.D\data.ms

(6) Benzaldehyde

7.146min (-0.006) 41.86 ng/ul m

response 810660

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.80	100.71
106.00	96.70	97.48
0.00	0.00	0.00

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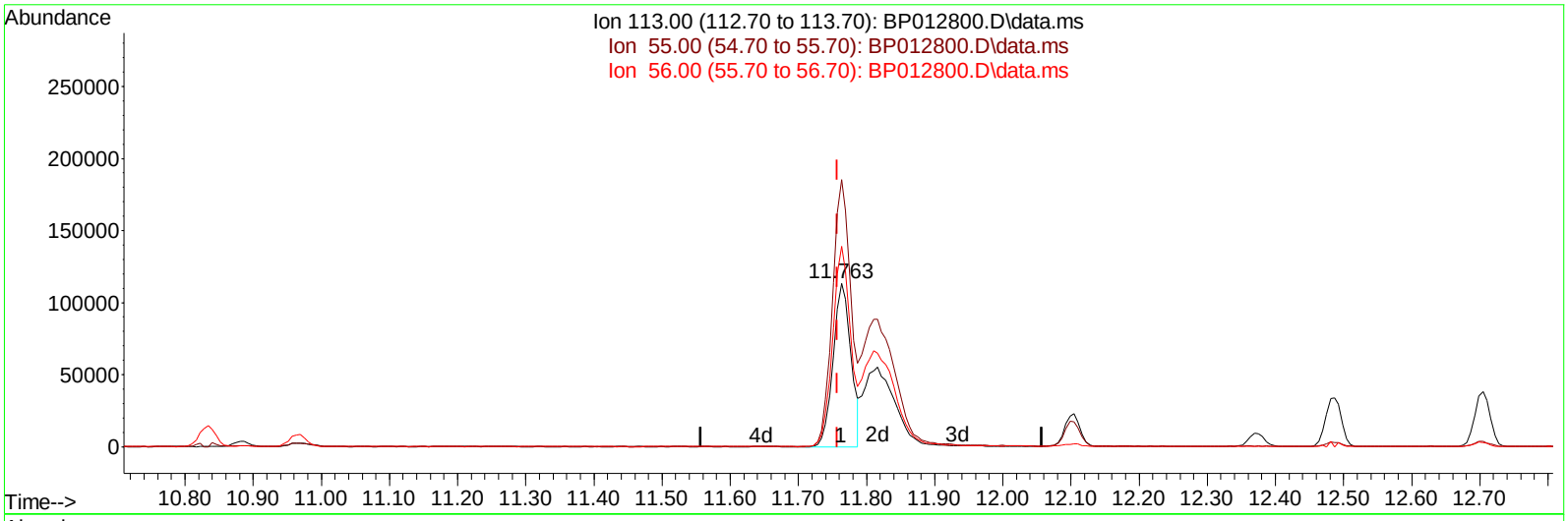

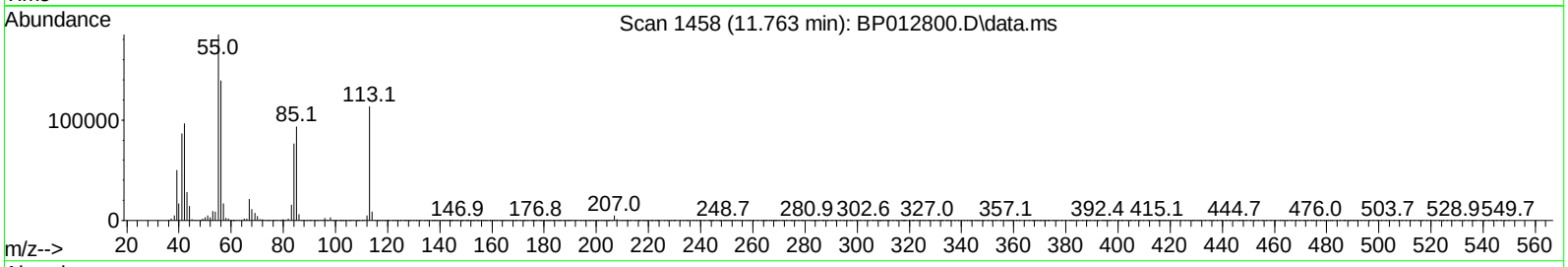

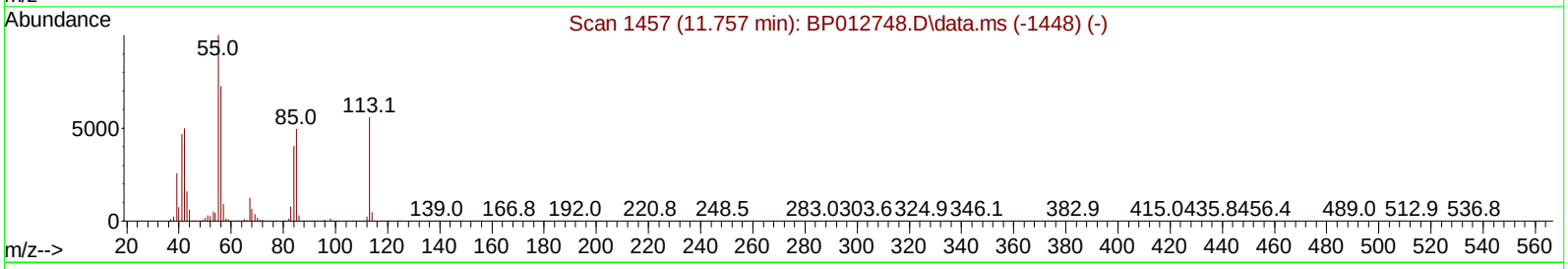

TIC: BP012800.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 19.16 ng/ul

response 205571

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	163.16
56.00	133.90	122.57
0.00	0.00	0.00

Quantitation Report (Qedit)

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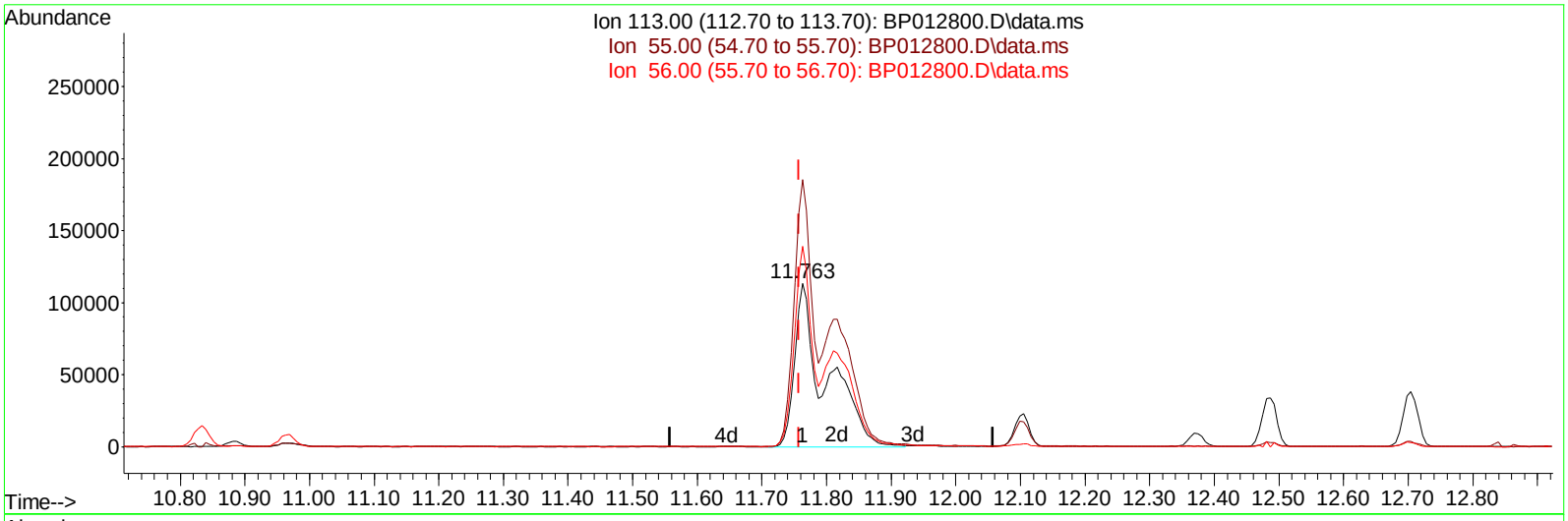

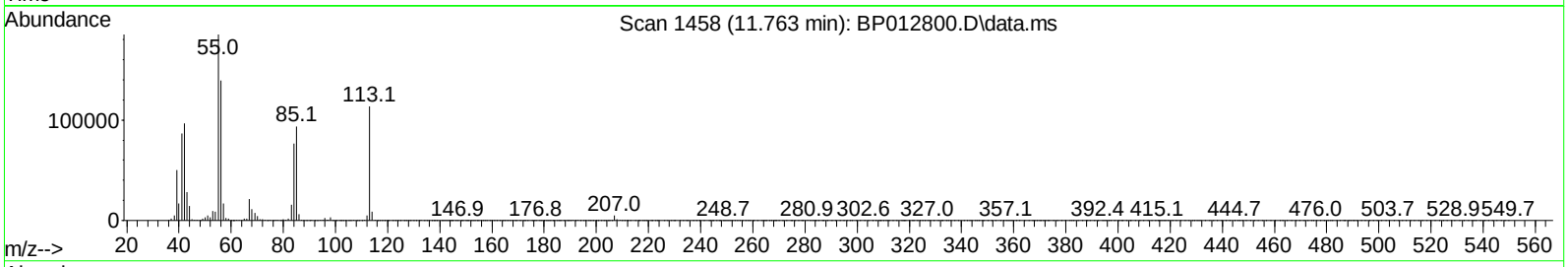

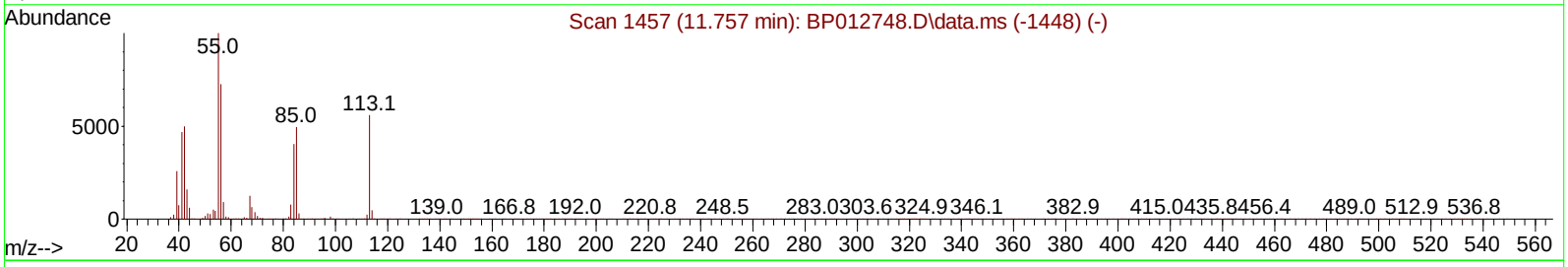

TIC: BP012800.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 35.42 ng/ul m

response 379974

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	163.16
56.00	133.90	122.57
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	482659	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	2224104	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1526040	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	3379289	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	3482547	20.000	ng/ul	0.00
88) Perylene-d12	24.010	264	3545725	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	66342	5.890	ng/uL	0.00
4) Pyridine-d5	3.817	84	942292	27.955	ng/ul	0.00
7) Phenol-d5	7.164	99	1374547	34.657	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	805570	32.962	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	1060320	35.085	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	1109424	34.718	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	527628	38.760	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	594830	41.153	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	1182653	35.067	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1504101	32.568	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	3611083	34.378	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	4110142	33.536	ng/ul	0.00
54) 4-Nitrophenol-d4	14.840	143	706517	37.727	ng/ul	0.00
60) Fluorene-d10	15.645	176	3148845	34.230	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	616589	38.176	ng/ul	0.00
73) Anthracene-d10	17.510	188	4930805	33.148	ng/ul	0.00
81) Pyrene-d10	19.733	212	5931010	29.310	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.851	264	5988582	34.385	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	130849	10.817	ng/uL	98
5) Pyridine	3.834	79	974115	29.535	ng/ul	97
6) Benzaldehyde	7.146	77	810660m	41.862	ng/ul	
8) Phenol	7.193	94	1358859	32.674	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.434	93	1075976	31.577	ng/ul	100
12) 2-Chlorophenol	7.575	128	1083067	32.946	ng/ul	99
13) 2-Methylphenol	8.452	108	1049104	32.458	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.552	45	1499857	30.516	ng/ul	100
16) Acetophenone	8.846	105	1685361	33.276	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.828	70	824664	33.053	ng/ul	98
18) 4-Methylphenol	8.787	108	1163827	32.694	ng/ul	100
19) Hexachloroethane	9.110	117	401530	31.850	ng/ul	93
22) Nitrobenzene	9.228	77	1204619	33.740	ng/ul	99
23) Isophorone	9.758	82	2472223	31.410	ng/ul	97
25) 2-Nitrophenol	9.940	139	639978	36.887	ng/ul	97
26) 2,4-Dimethylphenol	9.993	107	1105066	28.663	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.234	93	1526389	31.631	ng/ul	99
29) 2,4-Dichlorophenol	10.475	162	1146504	32.816	ng/ul	99
30) Naphthalene	10.887	128	3635496	31.216	ng/ul	100
32) 4-Chloroaniline	10.993	127	1526821	32.191	ng/ul	100
33) Hexachlorobutadiene	11.169	225	729081	31.330	ng/ul	99
34) Caprolactam	11.763	113	379974m	35.418	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	1198836	33.885	ng/ul	97

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SLCS206

Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.487	142	2588164	32.272	ng/ul	99
37)	1-Methylnaphthalene	12.704	142	2584667	32.157	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.851	216	1490380	30.627	ng/ul	99
40)	Hexachlorocyclopentadiene	12.834	237	649919	27.718	ng/ul	100
41)	2,4,6-Trichlorophenol	13.087	196	993474	32.628	ng/ul	99
42)	2,4,5-Trichlorophenol	13.151	196	1091947	33.360	ng/ul	98
43)	1,1'-Biphenyl	13.487	154	3450642	31.040	ng/ul	99
44)	2-Chloronaphthalene	13.534	162	2750777	30.931	ng/ul	99
45)	2-Nitroaniline	13.734	65	715199	41.102	ng/ul	100
47)	Dimethylphthalate	14.104	163	3559079	32.324	ng/ul	99
48)	2,6-Dinitrotoluene	14.228	165	693769	40.261	ng/ul	97
50)	Acenaphthylene	14.375	152	4231046	31.571	ng/ul	100
51)	3-Nitroaniline	14.551	138	737735	36.967	ng/ul	96
52)	Acenaphthene	14.716	153	2942253	31.184	ng/ul	99
53)	2,4-Dinitrophenol	14.751	184	395514	35.719	ng/ul	99
55)	4-Nitrophenol	14.851	109	472199	34.706	ng/ul	96
56)	Dibenzofuran	15.051	168	4133750	31.786	ng/ul	100
57)	2,4-Dinitrotoluene	15.010	165	1019129	40.078	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.275	232	957842	33.951	ng/ul	96
59)	Diethylphthalate	15.469	149	3515091	32.980	ng/ul	99
61)	Fluorene	15.704	166	3369206	32.305	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.692	204	1749622	32.333	ng/ul	98
63)	4-Nitroaniline	15.716	138	747105	43.924	ng/ul	100
66)	4,6-Dinitro-2-methylph...	15.775	198	621698	35.860	ng/ul#	92
67)	N-Nitrosodiphenylamine	15.904	169	2956469	30.784	ng/ul	99
68)	4-Bromophenyl-phenylether	16.592	248	1081905	32.529	ng/ul	99
69)	Hexachlorobenzene	16.704	284	1345671	31.744	ng/ul	99
70)	Atrazine	16.863	200	963806	29.250	ng/ul	99
71)	Pentachlorophenol	17.051	266	824603	31.676	ng/ul	100
72)	Phenanthrene	17.451	178	5640118	31.316	ng/ul	99
74)	Anthracene	17.545	178	5546142	31.127	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.451	216	1503376	28.777	ng/uL	99
76)	Pentachlorobenzene	14.969	250	1476353	27.185	ng/uL	99
77)	Carbazole	17.810	167	5155623	34.204	ng/ul	99
78)	Di-n-butylphthalate	18.357	149	6089292	34.126	ng/ul	99
80)	Fluoranthene	19.410	202	6833104	27.148	ng/ul	98
82)	Pyrene	19.763	202	7011583	26.934	ng/ul	98
83)	Butylbenzylphthalate	20.628	149	2514276	41.273	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.404	252	2509087	39.233	ng/ul	99
85)	Benzo(a)anthracene	21.480	228	7143030	29.655	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.392	149	3786720	40.646	ng/ul	100
87)	Chrysene	21.533	228	6647975	28.545	ng/ul	99
89)	Di-n-octyl phthalate	22.363	149	6514796	32.175	ng/ul	100
90)	Benzo(b)fluoranthene	23.239	252	7511424	28.608	ng/ul	99
91)	Benzo(k)fluoranthene	23.292	252	7069701	26.974	ng/ul	99
93)	Benzo(a)pyrene	23.904	252	6435704	29.808	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.657	276	7595137	36.462	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.674	278	6709029	35.495	ng/ul	99
96)	Benzo(g,h,i)perylene	27.468	276	6383315	35.627	ng/ul	99

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

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