Quantitation Report (Qedit)

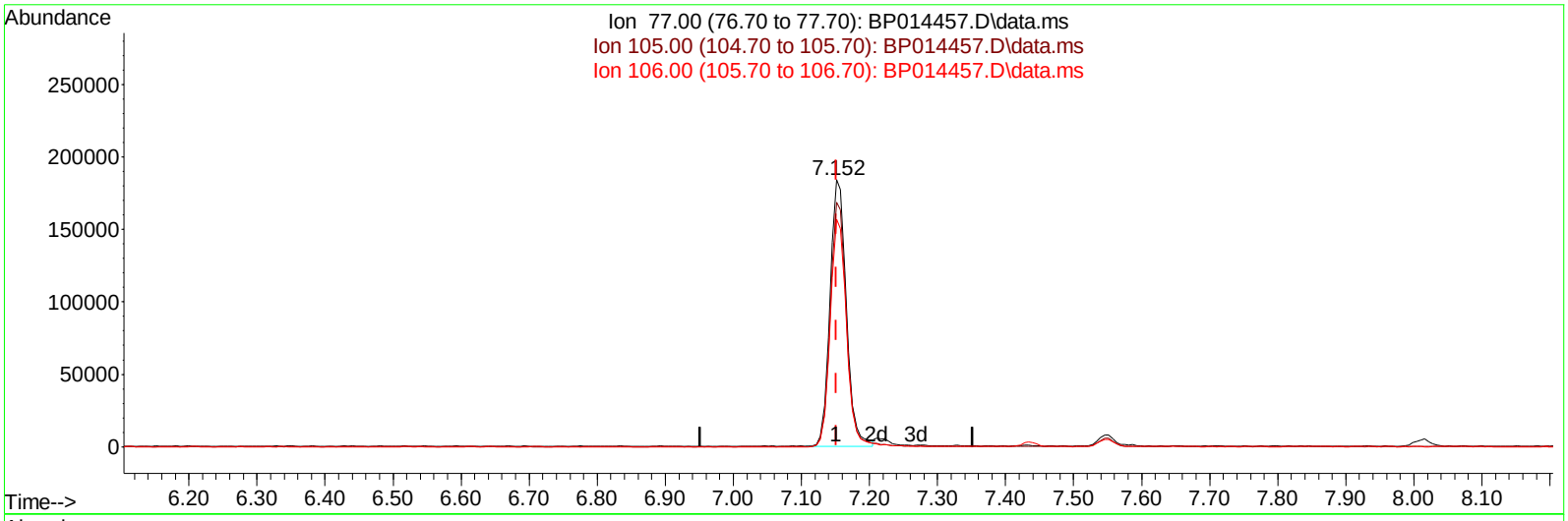
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014457.D
Acq On : 31 Mar 2023 22:44
Operator : CG/JU
Sample : PB151748BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

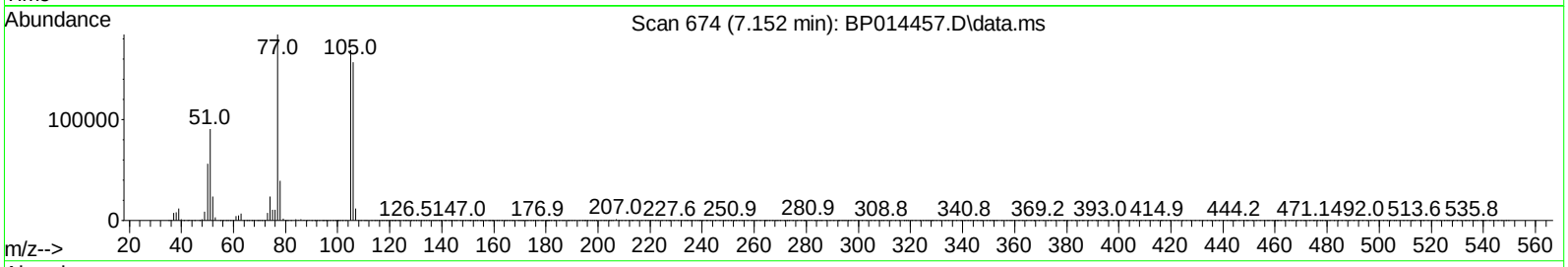
Quant Time: Apr 01 00:31:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 31 04:41:29 2023
Response via : Initial Calibration

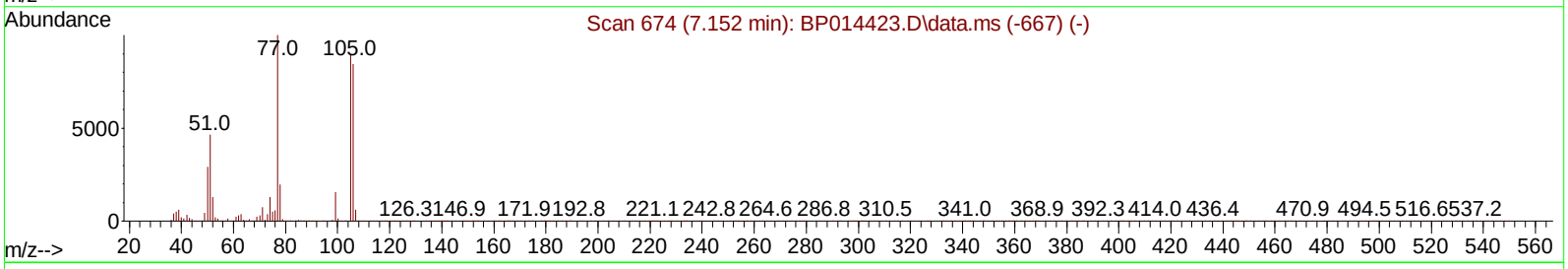
Instrument :
BNA_P
ClientSampleId :
SLCS748

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023







TIC: BP014457.D\data.ms

(6) Benzaldehyde

7.152min (-0.000) 36.47 ng/ul

response 304060

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.20	91.56
106.00	83.10	85.14
0.00	0.00	0.00

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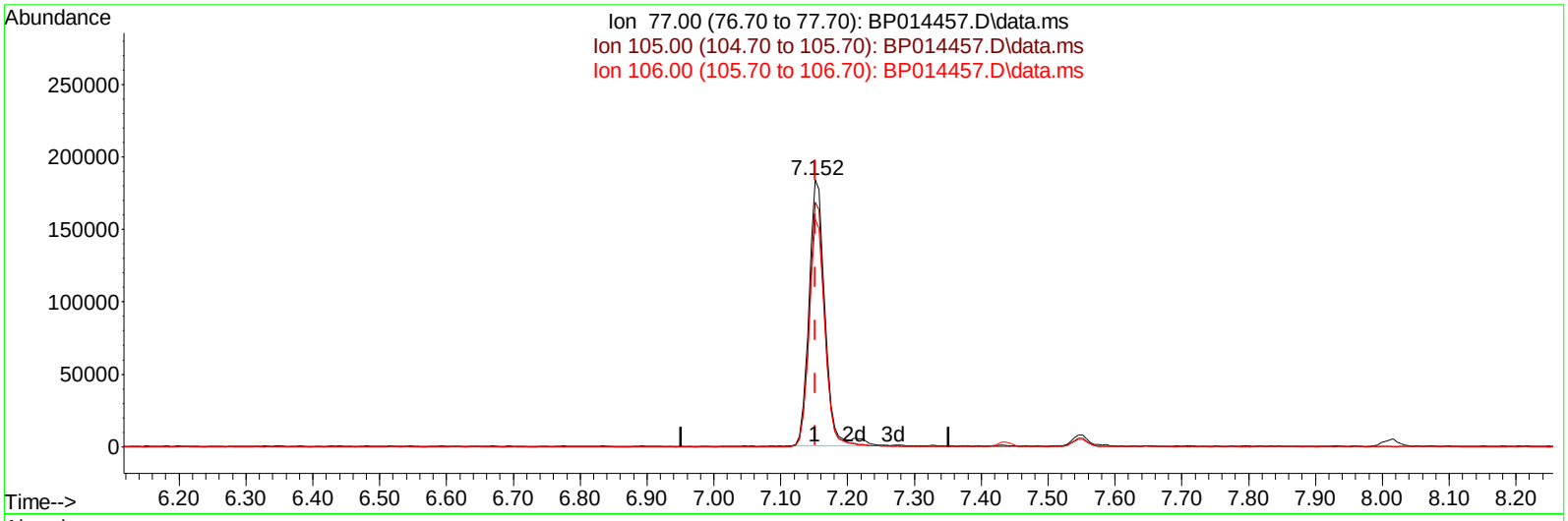

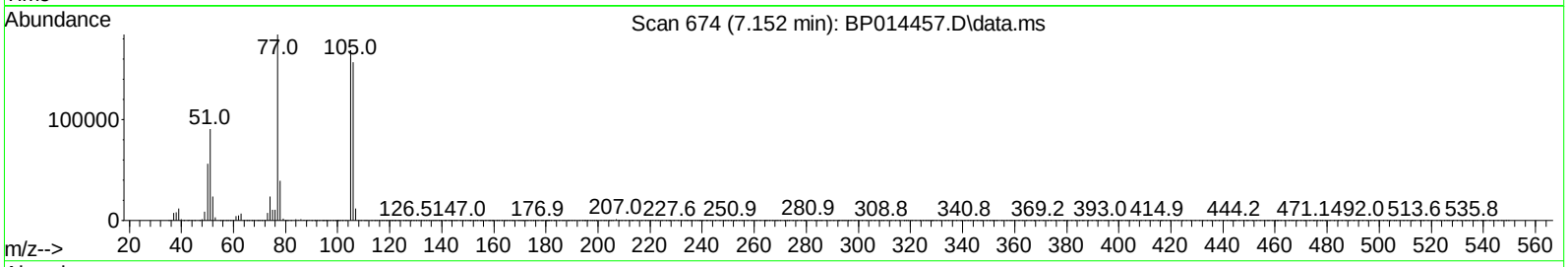

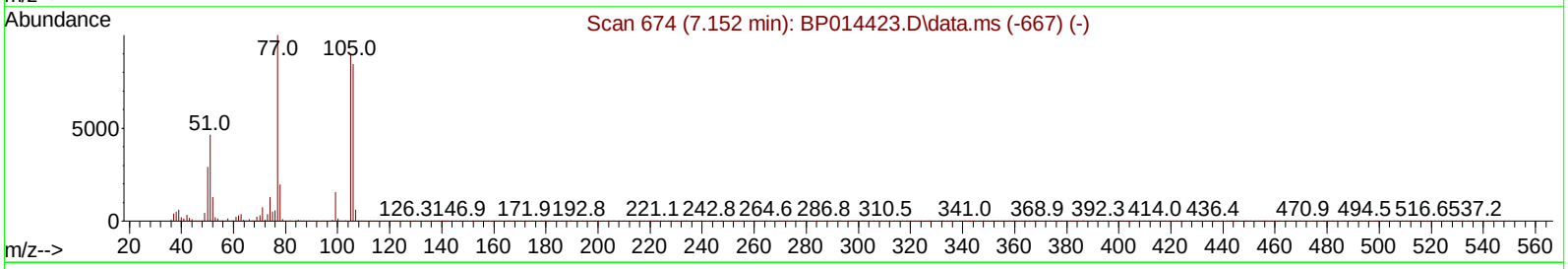

TIC: BP014457.D\data.ms

(6) Benzaldehyde

7.152min (-0.000) 37.18 ng/ul m

response 310021

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.20	91.56
106.00	83.10	85.14
0.00	0.00	0.00

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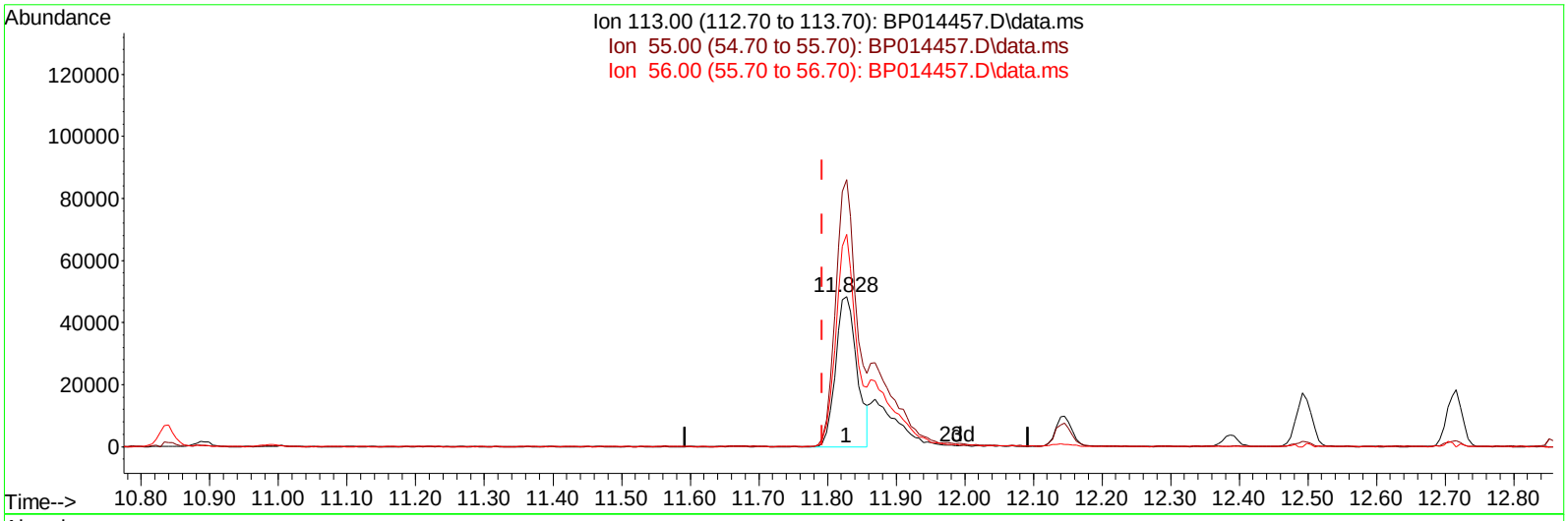

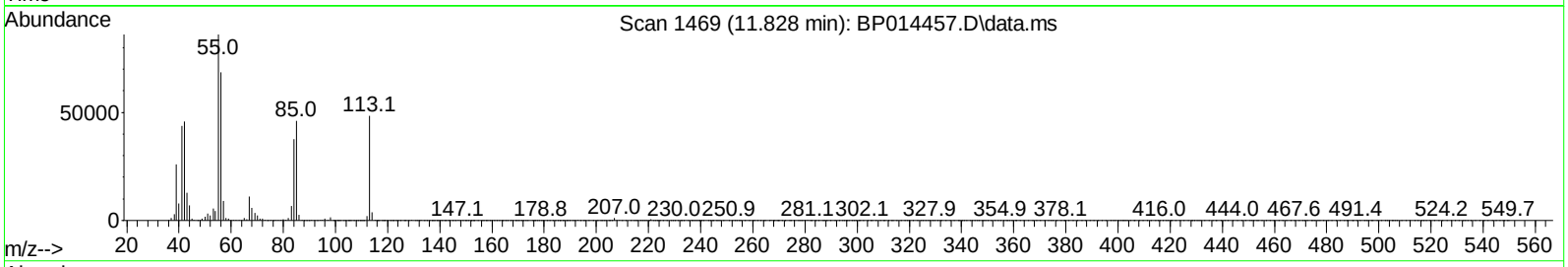

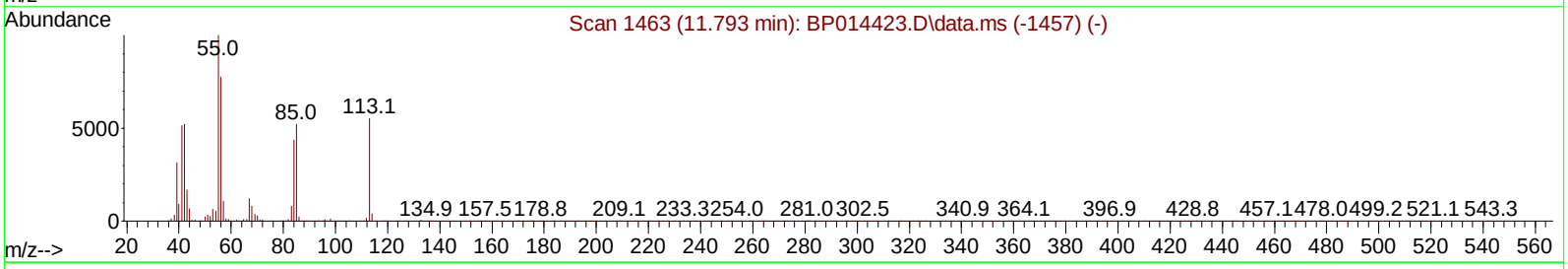

TIC: BP014457.D\data.ms

(34) Caprolactam

11.828min (+ 0.035) 25.81 ng/ul

response 103959

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	178.00
56.00	126.40	141.85
0.00	0.00	0.00

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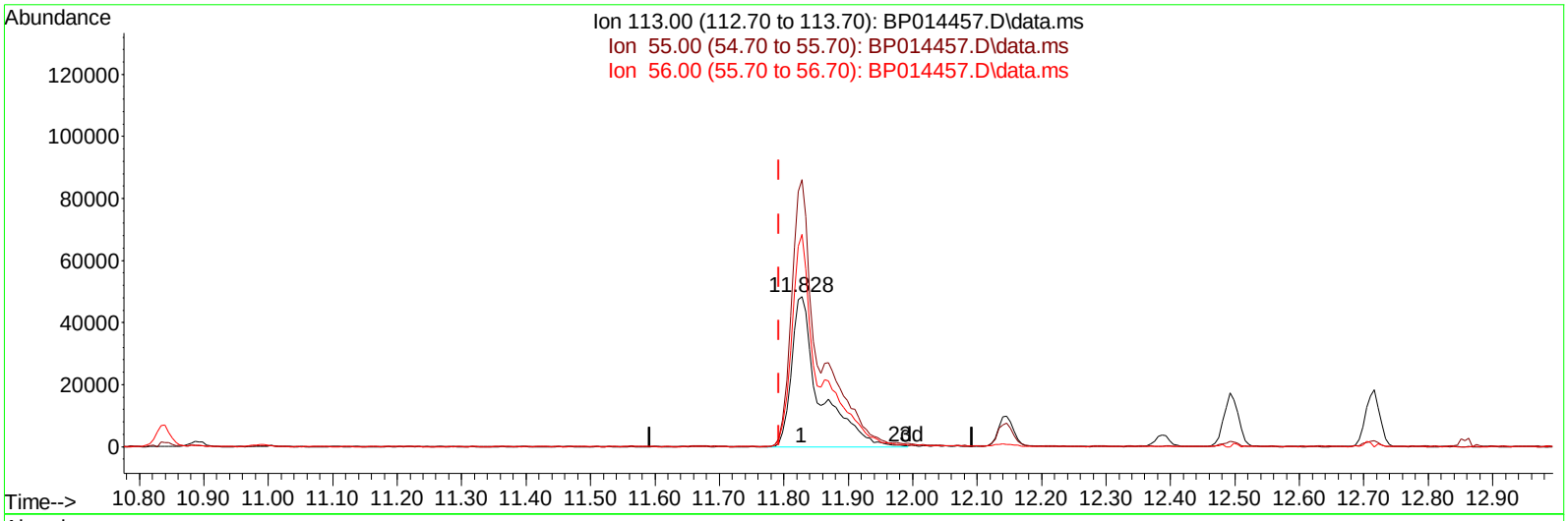

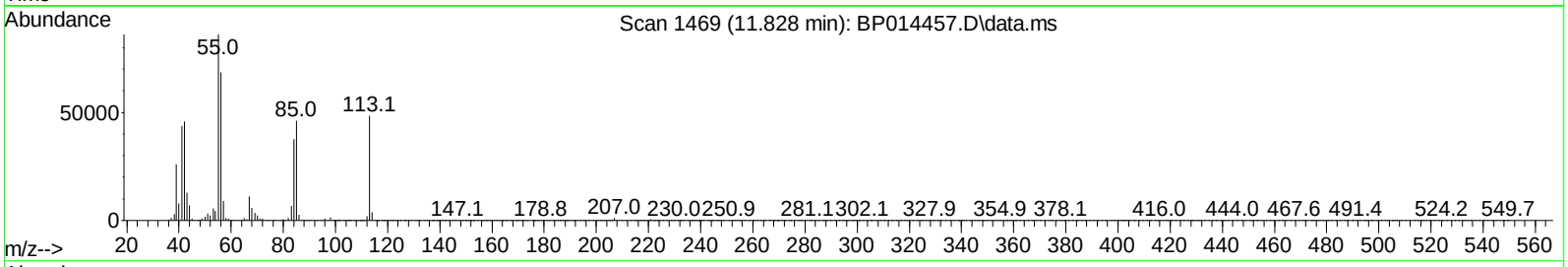

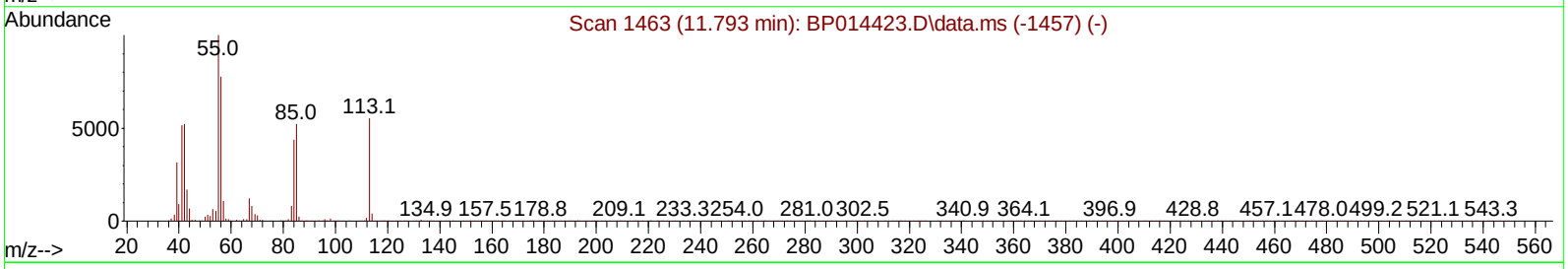

TIC: BP014457.D\data.ms

(34) Caprolactam

11.828min (+ 0.035) 36.53 ng/ul m

response 147151

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	178.00
56.00	126.40	141.85
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	8.010	152	181891	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	823058	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	566365	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.433	188	1248197	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	921771	20.000	ng/ul	0.00
88) Perylene-d12	24.045	264	849297	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	23900	5.096	ng/uL	0.00
4) Pyridine-d5	3.822	84	230329	19.162	ng/ul	0.00
7) Phenol-d5	7.187	99	551397	32.870	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.340	67	335022	31.128	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	397567	32.791	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	451812	33.391	ng/ul	0.02
21) Nitrobenzene-d5	9.193	128	209238	31.491	ng/ul	0.00
24) 2-Nitrophenol-d4	9.922	143	250365	32.907	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	452245	32.638	ng/ul	0.01
31) 4-Chloroaniline-d4	10.987	131	92881	5.089	ng/ul	0.00
46) Dimethylphthalate-d6	14.081	166	1440574	31.370	ng/ul	0.00
49) Acenaphthylene-d8	14.363	160	1562436	30.663	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	196794	28.366	ng/ul	0.02
60) Fluorene-d10	15.669	176	1180855	30.835	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	261186	28.438	ng/ul	0.00
73) Anthracene-d10	17.533	188	1848921	30.608	ng/ul	0.00
81) Pyrene-d10	19.763	212	2032177	32.822	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	1402844	31.090	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	52148	10.117	ng/uL	91
5) Pyridine	3.840	79	324945	25.833	ng/ul	98
6) Benzaldehyde	7.152	77	310021m	37.182	ng/ul	
8) Phenol	7.216	94	549755	31.592	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.434	93	422866	30.239	ng/ul	100
12) 2-Chlorophenol	7.581	128	394294	31.245	ng/ul	97
13) 2-Methylphenol	8.475	108	413646	31.874	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.546	45	565079	30.777	ng/ul	100
16) Acetophenone	8.851	105	690575	30.907	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.834	70	387956	32.140	ng/ul	96
18) 4-Methylphenol	8.810	108	461077	32.351	ng/ul	99
19) Hexachloroethane	9.099	117	170998	31.013	ng/ul	98
22) Nitrobenzene	9.240	77	564286	29.562	ng/ul	98
23) Isophorone	9.769	82	1083809	30.803	ng/ul	99
25) 2-Nitrophenol	9.951	139	245496	30.570	ng/ul	98
26) 2,4-Dimethylphenol	10.016	107	541199	30.109	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.246	93	626706	29.708	ng/ul	99
29) 2,4-Dichlorophenol	10.493	162	427396	31.342	ng/ul	98
30) Naphthalene	10.893	128	1341909	29.270	ng/ul	98
32) 4-Chloroaniline	11.010	127	327590	17.721	ng/ul	100
33) Hexachlorobutadiene	11.163	225	309004	28.603	ng/ul	97
34) Caprolactam	11.828	113	147151m	36.528	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	529179	31.550	ng/ul	99

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SLCS748

Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.492	142	933178	30.035	ng/ul	100
37)	1-Methylnaphthalene	12.716	142	957428	31.072	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.857	216	572774	28.365	ng/ul	98
40)	Hexachlorocyclopentadiene	12.828	237	332135	25.399	ng/ul	98
41)	2,4,6-Trichlorophenol	13.110	196	374369	29.960	ng/ul	99
42)	2,4,5-Trichlorophenol	13.192	196	413909	31.115	ng/ul	97
43)	1,1'-Biphenyl	13.498	154	1306643	28.556	ng/ul	99
44)	2-Chloronaphthalene	13.545	162	1031535	28.512	ng/ul	100
45)	2-Nitroaniline	13.763	65	365468	32.618	ng/ul	98
47)	Dimethylphthalate	14.128	163	1375243	29.952	ng/ul	99
48)	2,6-Dinitrotoluene	14.257	165	292546	32.612	ng/ul	97
50)	Acenaphthylene	14.392	152	1604183	29.561	ng/ul	100
51)	3-Nitroaniline	14.598	138	272087	33.856	ng/ul	97
52)	Acenaphthene	14.734	153	1106353	28.851	ng/ul	99
53)	2,4-Dinitrophenol	14.798	184	148270	25.523	ng/ul	94
55)	4-Nitrophenol	14.916	109	187329	27.360	ng/ul	92
56)	Dibenzofuran	15.069	168	1556373	28.871	ng/ul	99
57)	2,4-Dinitrotoluene	15.045	165	417275	32.793	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.304	232	352950	29.520	ng/ul	99
59)	Diethylphthalate	15.486	149	1428257	31.303	ng/ul	99
61)	Fluorene	15.722	166	1293441	29.602	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.710	204	702914	29.943	ng/ul	97
63)	4-Nitroaniline	15.763	138	261800	40.094	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.810	198	241047	27.082	ng/ul	97
67)	N-Nitrosodiphenylamine	15.933	169	1111639	28.624	ng/ul	98
68)	4-Bromophenyl-phenylether	16.610	248	451528	29.071	ng/ul	96
69)	Hexachlorobenzene	16.728	284	520272	29.162	ng/ul	98
70)	Atrazine	16.886	200	203468	14.392	ng/ul	99
71)	Pentachlorophenol	17.086	266	255475	24.718	ng/ul	100
72)	Phenanthrene	17.475	178	2032154	29.264	ng/ul	100
74)	Anthracene	17.569	178	2065874	29.517	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.469	216	578719	26.340	ng/uL	98
76)	Pentachlorobenzene	14.986	250	604012	27.551	ng/uL	98
77)	Carbazole	17.845	167	1777140	30.342	ng/ul	99
78)	Di-n-butylphthalate	18.369	149	2484495	33.736	ng/ul	100
80)	Fluoranthene	19.433	202	2353946	32.155	ng/ul	99
82)	Pyrene	19.792	202	2348806	30.732	ng/ul	99
83)	Butylbenzylphthalate	20.645	149	1018818	38.699	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.433	252	585890	28.740	ng/ul	99
85)	Benzo(a)anthracene	21.504	228	1981753	30.340	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.398	149	1451606	40.322	ng/ul	99
87)	Chrysene	21.557	228	1857448	30.116	ng/ul	100
89)	Di-n-octyl phthalate	22.363	149	2182074	39.591	ng/ul	100
90)	Benzo(b)fluoranthene	23.268	252	1730574	30.171	ng/ul	99
91)	Benzo(k)fluoranthene	23.315	252	1669758	29.972	ng/ul	99
93)	Benzo(a)pyrene	23.927	252	1481644	30.009	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.698	276	1994451	29.362	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.709	278	1653777	29.079	ng/ul	99
96)	Benzo(g,h,i)perylene	27.509	276	1602627	28.945	ng/ul	99

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

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