Quantitation Report (Qedit)

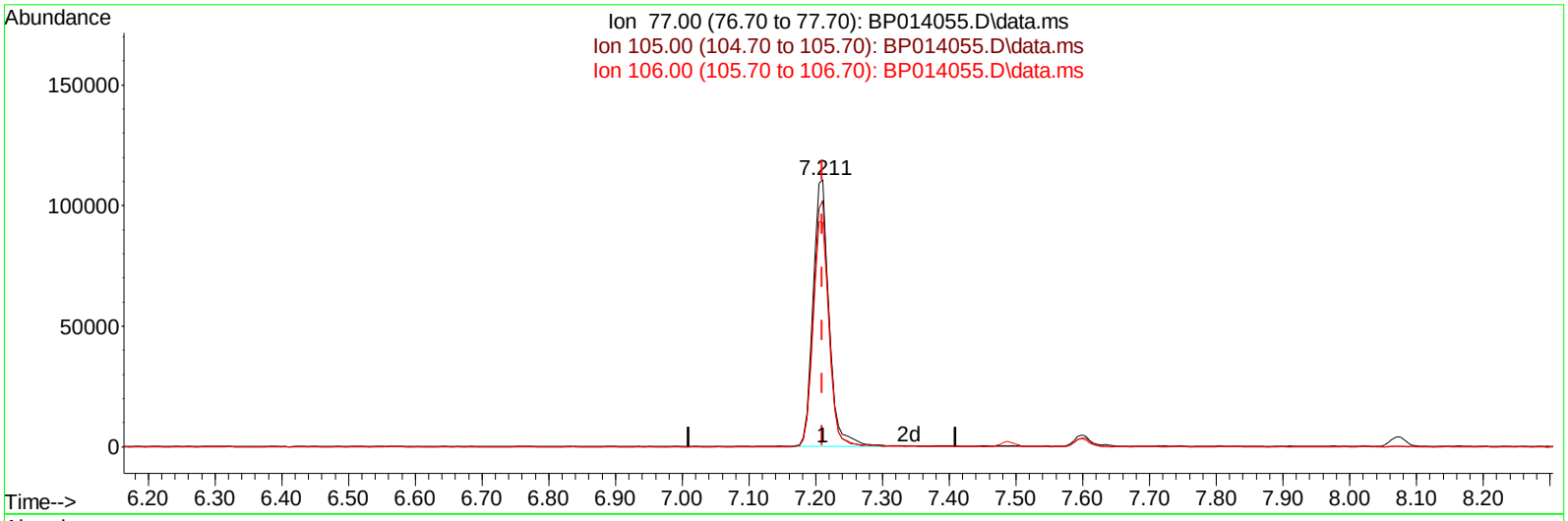
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
Data File : BP014055.D
Acq On : 11 Mar 2023 06:22
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

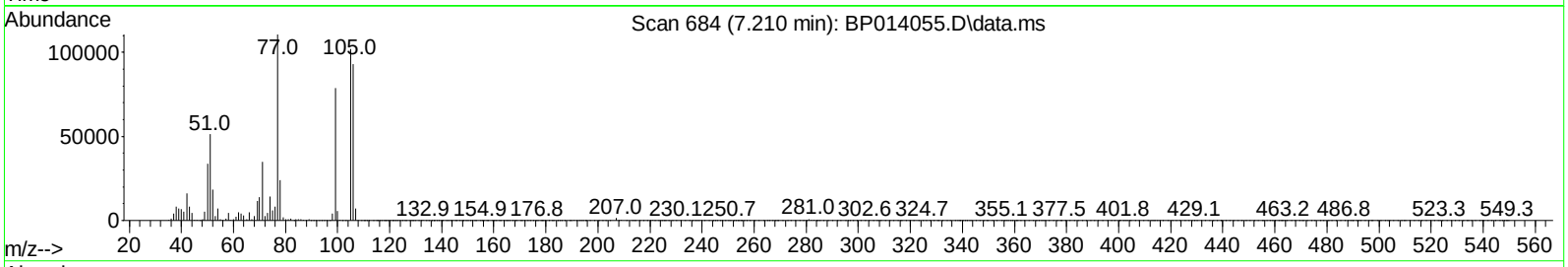
Quant Time: Mar 13 00:49:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 22:47:08 2023
Response via : Initial Calibration

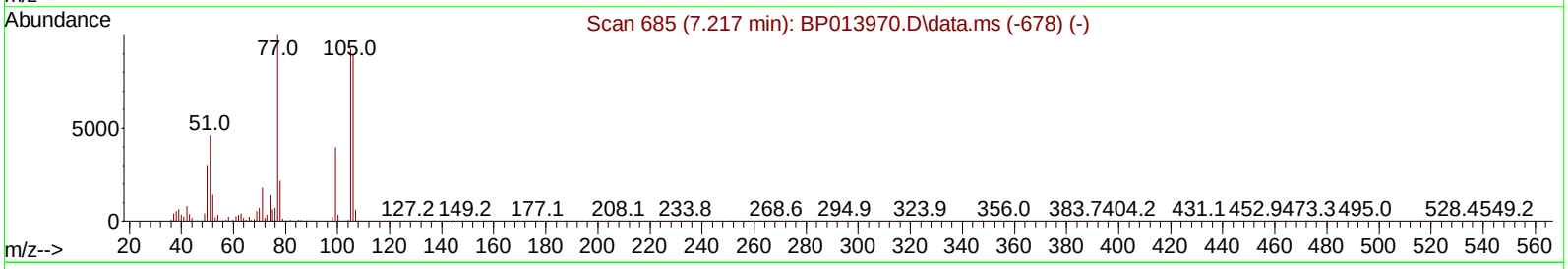
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023







TIC: BP014055.D\data.ms

(6) Benzaldehyde

7.210min (+ 0.000) 26.23 ng/ul

response 184834

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	92.20
106.00	87.30	84.00
0.00	0.00	0.00

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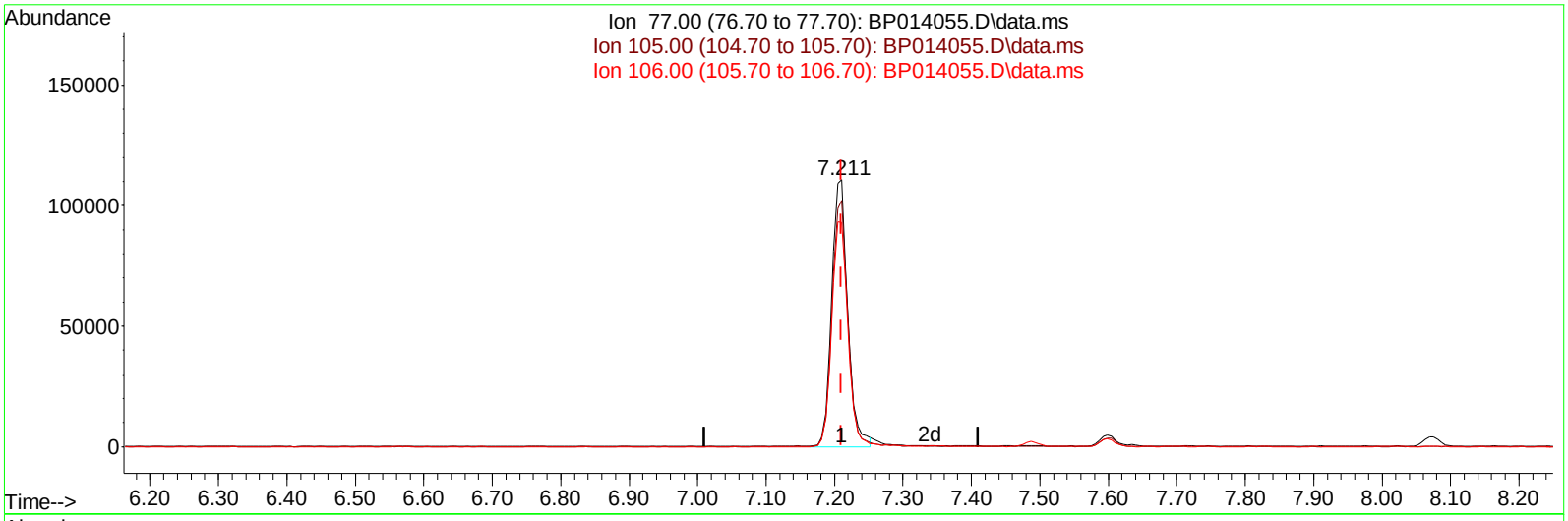

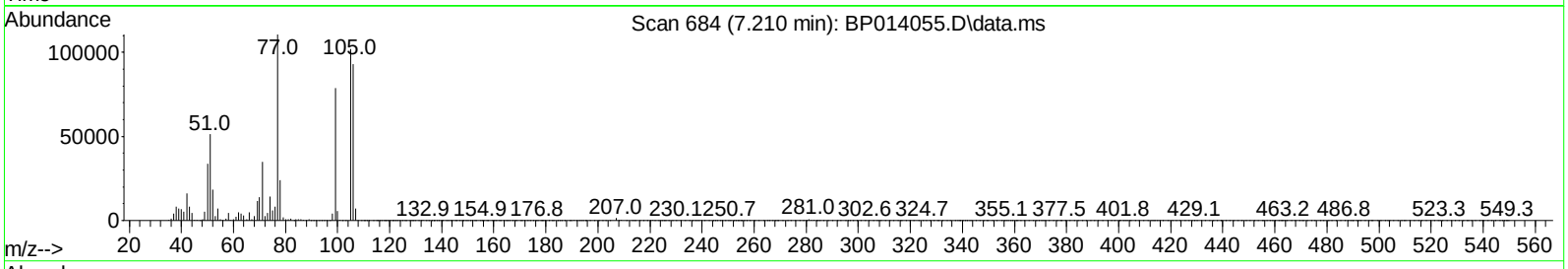

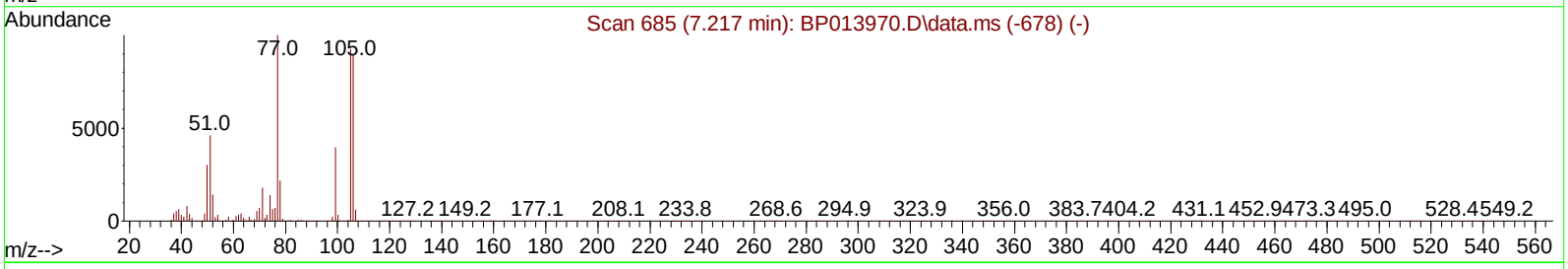

TIC: BP014055.D\data.ms

(6) Benzaldehyde

7.210min (+ 0.000) 25.78 ng/ul m

response 181654

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	92.20
106.00	87.30	84.00
0.00	0.00	0.00

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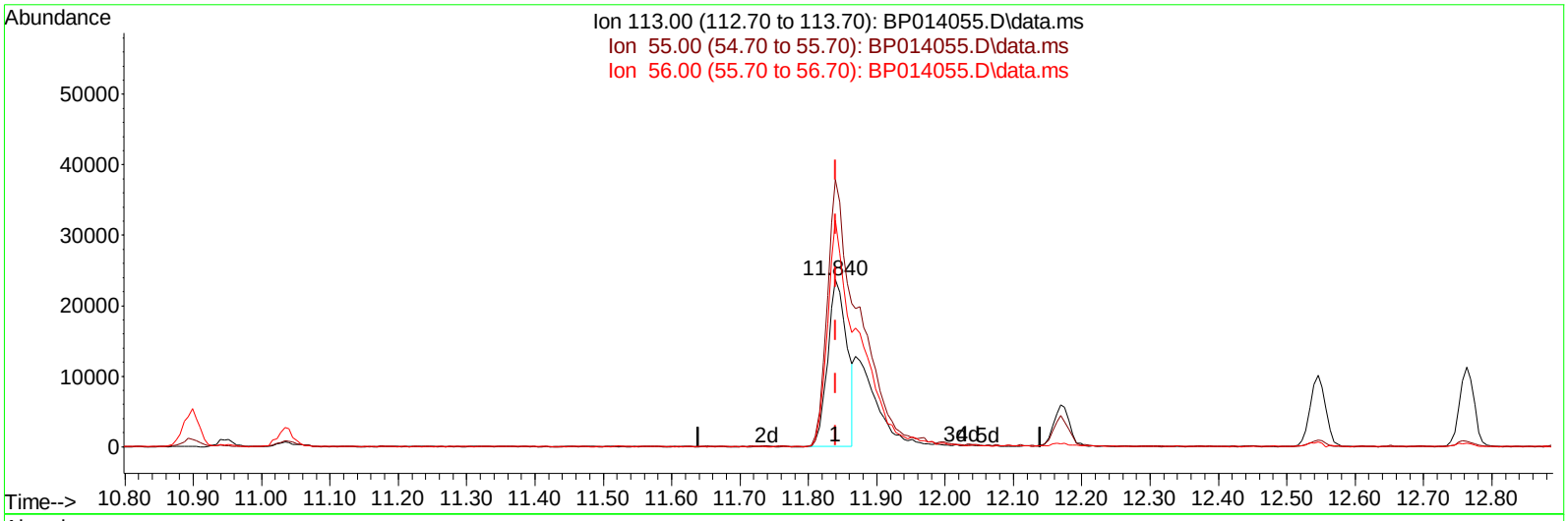

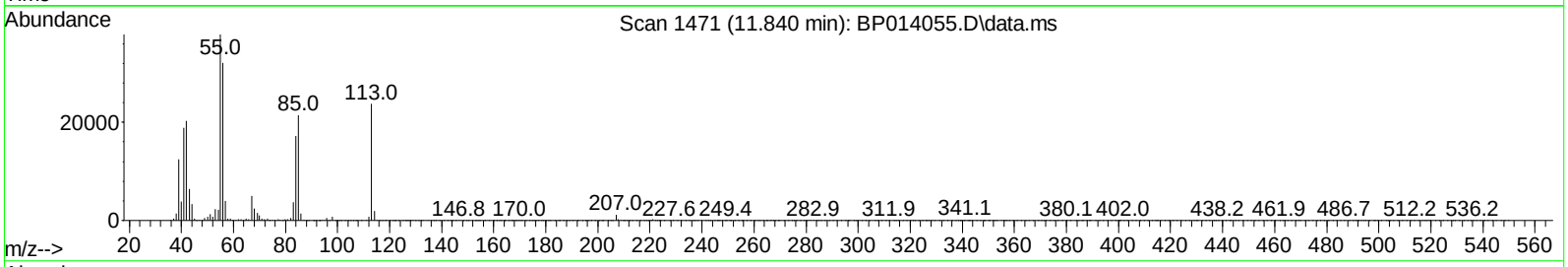

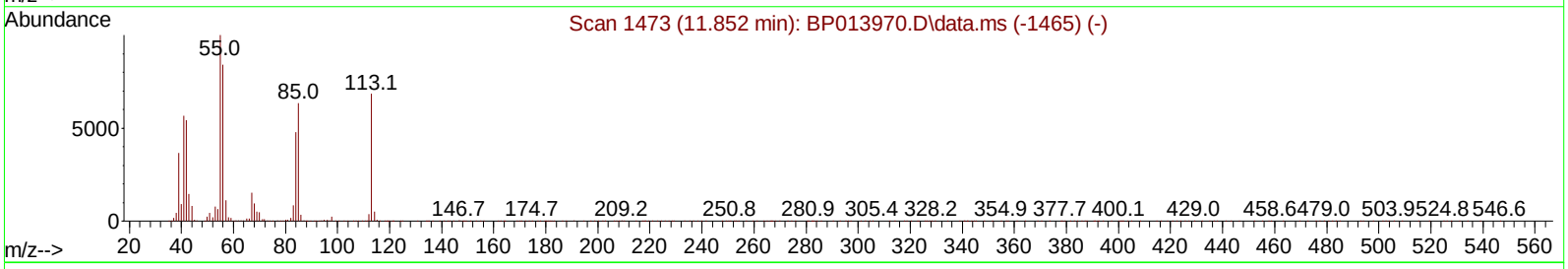

TIC: BP014055.D\data.ms

(34) Caprolactam

11.840min (+ 0.000) 12.19 ng/ul

response 46379

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	159.84
56.00	127.50	135.56
0.00	0.00	0.00

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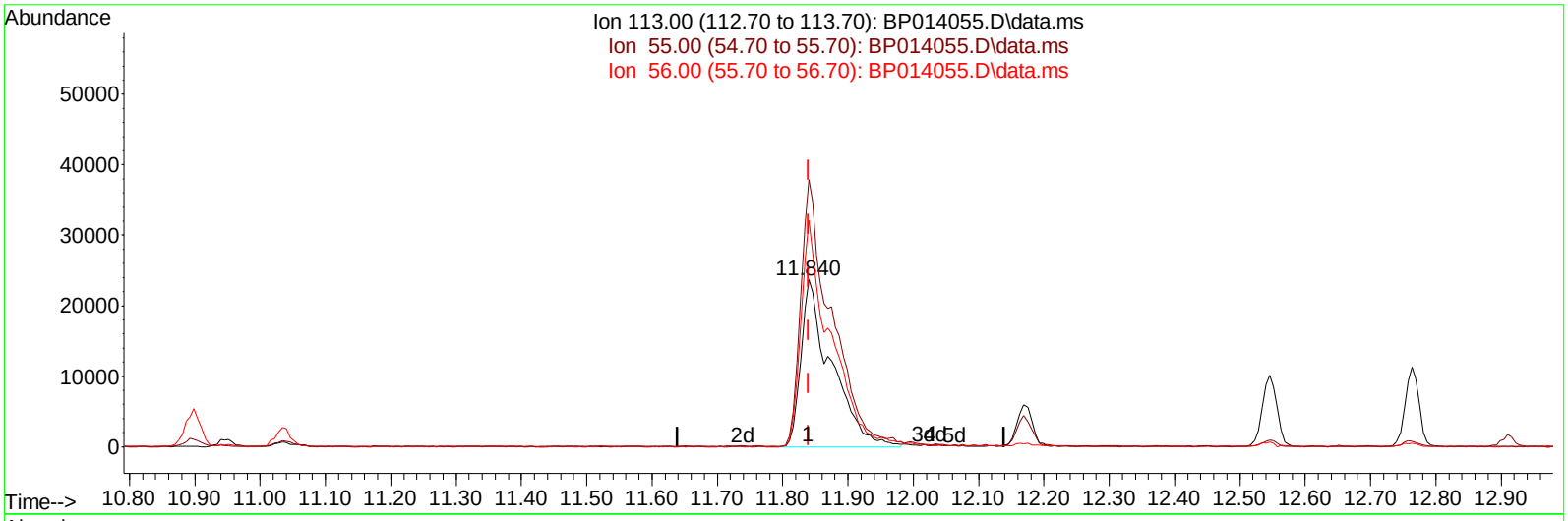

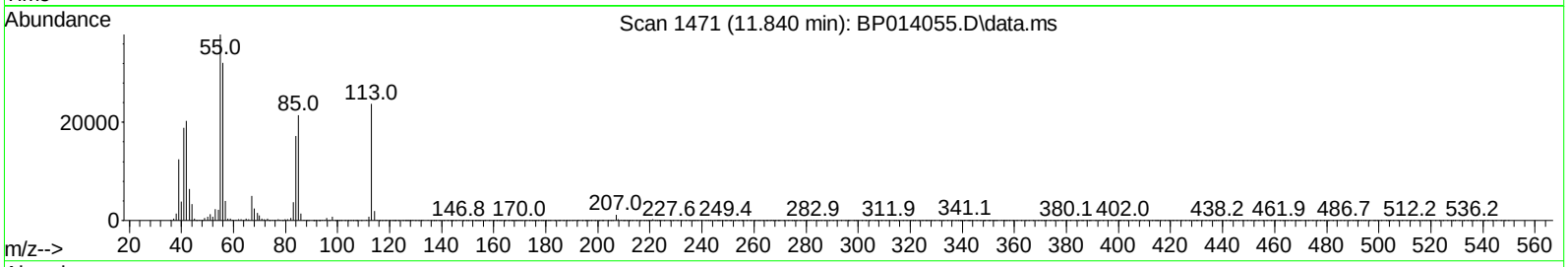

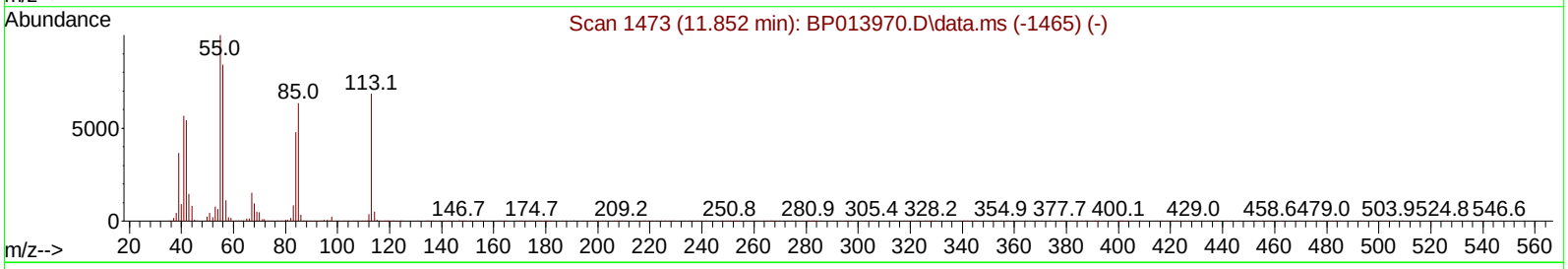

TIC: BP014055.D\data.ms

(34) Caprolactam

11.840min (+ 0.000) 20.02 ng/ul m

response 76173

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	159.84
56.00	127.50	135.56
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/13/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	160498	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	660853	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	428982	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1040842	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1126978	20.000	ng/ul	0.00
88) Perylene-d12	24.080	264	1146494	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	34508	8.123	ng/uL	0.00
4) Pyridine-d5	3.864	84	246839	20.987	ng/ul	0.00
7) Phenol-d5	7.222	99	302183	21.335	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	183536	22.219	ng/ul	0.00
11) 2-Chlorophenol-d4	7.599	132	227133	21.049	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	247856	21.424	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	115997	21.999	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	133975	21.226	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	250381	21.082	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	321941	20.484	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	757074	20.795	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	821866	21.310	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	129285	20.151	ng/ul	0.00
60) Fluorene-d10	15.704	176	608729	19.729	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	144531	18.372	ng/ul	0.00
73) Anthracene-d10	17.569	188	1046125	20.704	ng/ul	0.00
81) Pyrene-d10	19.786	212	1297165	20.869	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.910	264	1256352	20.601	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	37000	8.068	ng/uL	92
5) Pyridine	3.887	79	251410	21.078	ng/ul	98
6) Benzaldehyde	7.210	77	181654m	25.776	ng/ul	
8) Phenol	7.252	94	315208	21.580	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.487	93	244282	21.830	ng/ul	97
12) 2-Chlorophenol	7.634	128	235700	21.679	ng/ul	95
13) 2-Methylphenol	8.516	108	230693	21.240	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.605	45	289472	23.954	ng/ul	99
16) Acetophenone	8.905	105	403064	21.566	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.887	70	210329	21.998	ng/ul	98
18) 4-Methylphenol	8.846	108	260063	21.769	ng/ul	100
19) Hexachloroethane	9.163	117	101029	21.217	ng/ul	97
22) Nitrobenzene	9.287	77	315538	22.370	ng/ul	99
23) Isophorone	9.816	82	579801	21.345	ng/ul	99
25) 2-Nitrophenol	10.004	139	140255	21.560	ng/ul	97
26) 2,4-Dimethylphenol	10.057	107	307538	21.598	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.299	93	338868	21.568	ng/ul	100
29) 2,4-Dichlorophenol	10.540	162	244290	20.852	ng/ul	95
30) Naphthalene	10.946	128	748156	20.616	ng/ul	99
32) 4-Chloroaniline	11.057	127	333115	21.062	ng/ul	99
33) Hexachlorobutadiene	11.228	225	188628	20.234	ng/ul	96
34) Caprolactam	11.840	113	76173m	20.025	ng/ul	
35) 4-Chloro-3-methylphenol	12.169	107	281088	20.749	ng/ul	94

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.546	142	523866	20.581	ng/ul	99
37) 1-Methylnaphthalene	12.763	142	533355	20.848	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.910	216	342403	22.072	ng/ul	99
40) Hexachlorocyclopentadiene	12.887	237	204972	18.452	ng/ul	97
41) 2,4,6-Trichlorophenol	13.151	196	214913	22.054	ng/ul	95
42) 2,4,5-Trichlorophenol	13.222	196	225707	21.105	ng/ul	99
43) 1,1'-Biphenyl	13.545	154	690501	20.907	ng/ul	98
44) 2-Chloronaphthalene	13.593	162	547122	20.858	ng/ul	98
45) 2-Nitroaniline	13.798	65	179939	23.194	ng/ul	94
47) Dimethylphthalate	14.163	163	735108	20.399	ng/ul	100
48) 2,6-Dinitrotoluene	14.287	165	153072	21.485	ng/ul	96
50) Acenaphthylene	14.434	152	855707	21.142	ng/ul	99
51) 3-Nitroaniline	14.622	138	136450	21.631	ng/ul	97
52) Acenaphthene	14.775	153	583890	20.636	ng/ul	99
53) 2,4-Dinitrophenol	14.822	184	90914	17.088	ng/ul	96
55) 4-Nitrophenol	14.922	109	141485	20.416	ng/ul	99
56) Dibenzofuran	15.110	168	858825	20.864	ng/ul	98
57) 2,4-Dinitrotoluene	15.075	165	223219	20.970	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.334	232	208539	20.382	ng/ul	97
59) Diethylphthalate	15.522	149	737767	20.185	ng/ul	99
61) Fluorene	15.763	166	697013	20.428	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	377203	20.029	ng/ul	98
63) 4-Nitroaniline	15.781	138	139722	21.548	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.839	198	139819	18.630	ng/ul	96
67) N-Nitrosodiphenylamine	15.963	169	599279	20.386	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	249510	19.829	ng/ul	97
69) Hexachlorobenzene	16.763	284	291120	19.634	ng/ul	95
70) Atrazine	16.916	200	252668	19.928	ng/ul	99
71) Pentachlorophenol	17.110	266	183040	18.885	ng/ul	97
72) Phenanthrene	17.510	178	1165777	20.535	ng/ul	100
74) Anthracene	17.598	178	1187470	20.630	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.516	216	322847	20.211	ng/uL	98
76) Pentachlorobenzene	15.028	250	338744	20.415	ng/uL	99
77) Carbazole	17.869	167	1052691	20.733	ng/ul	99
78) Di-n-butylphthalate	18.398	149	1225501	19.313	ng/ul	100
80) Fluoranthene	19.463	202	1510284	21.318	ng/ul	99
82) Pyrene	19.816	202	1565679	21.185	ng/ul	100
83) Butylbenzylphthalate	20.669	149	634725	21.299	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.451	252	580286	20.114	ng/ul	99
85) Benzo(a)anthracene	21.527	228	1645505	20.759	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	935824	21.005	ng/ul	99
87) Chrysene	21.586	228	1562598	20.685	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	1626007	22.476	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	1659297	21.720	ng/ul	100
91) Benzo(k)fluoranthene	23.351	252	1566246	21.500	ng/ul	99
93) Benzo(a)pyrene	23.968	252	1388101	20.890	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.751	276	1562791	17.766	ng/ul	98
95) Dibenzo(a,h)anthracene	26.762	278	1303661	17.831	ng/ul	99
96) Benzo(g,h,i)perylene	27.568	276	1221367	17.371	ng/ul	99

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

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