Quantitation Report (Qedit)

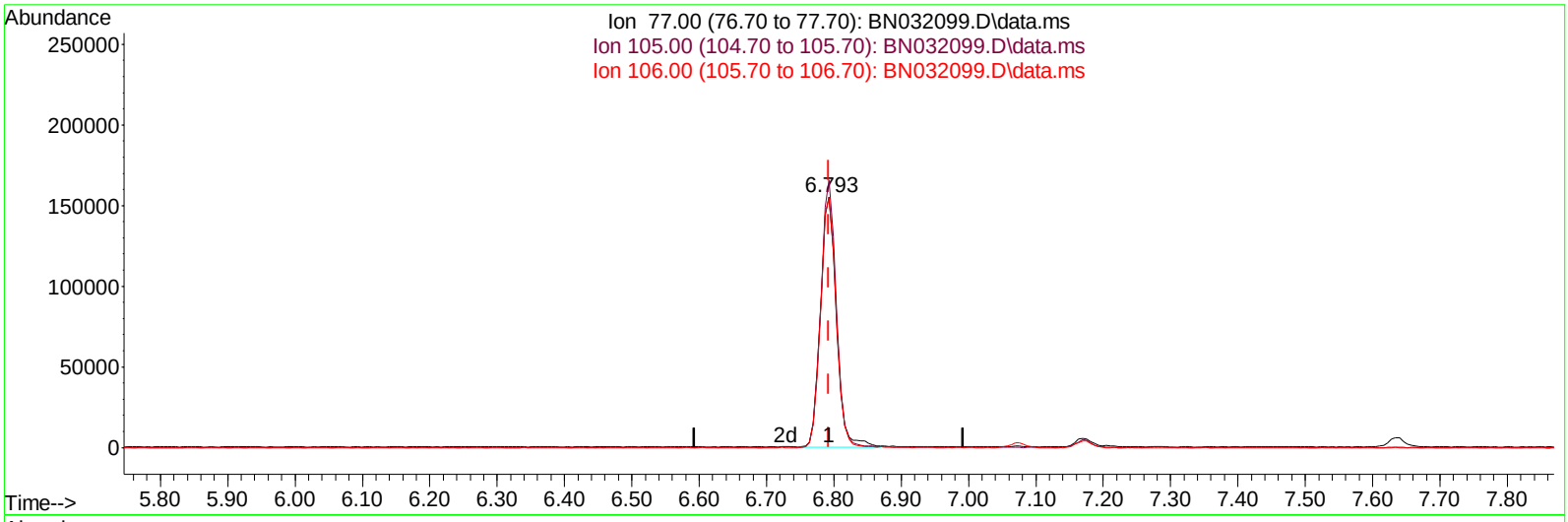
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032099.D
Acq On : 20 Jun 2024 16:41
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

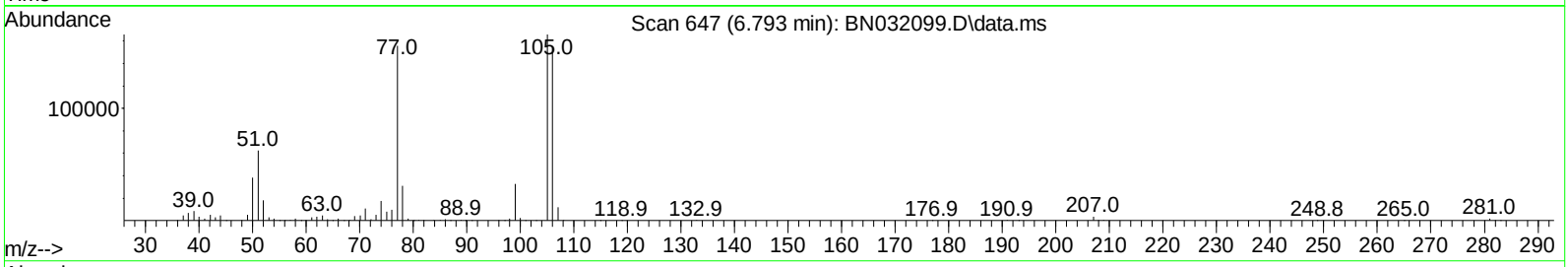
Quant Time: Jun 20 17:47:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration

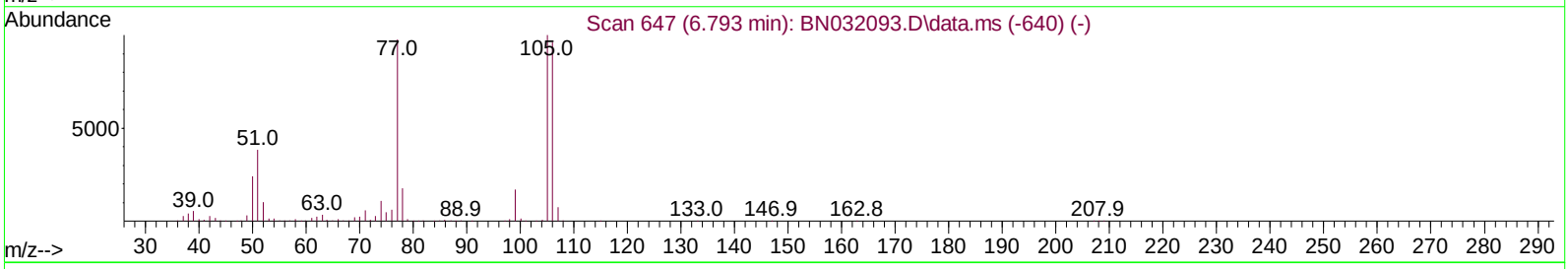
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024







TIC: BN032099.D\data.ms

(6) Benzaldehyde

6.793min (+ 0.000) 21.15 ng/ul

response 254643

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.30	106.63
106.00	96.00	99.59
0.00	0.00	0.00

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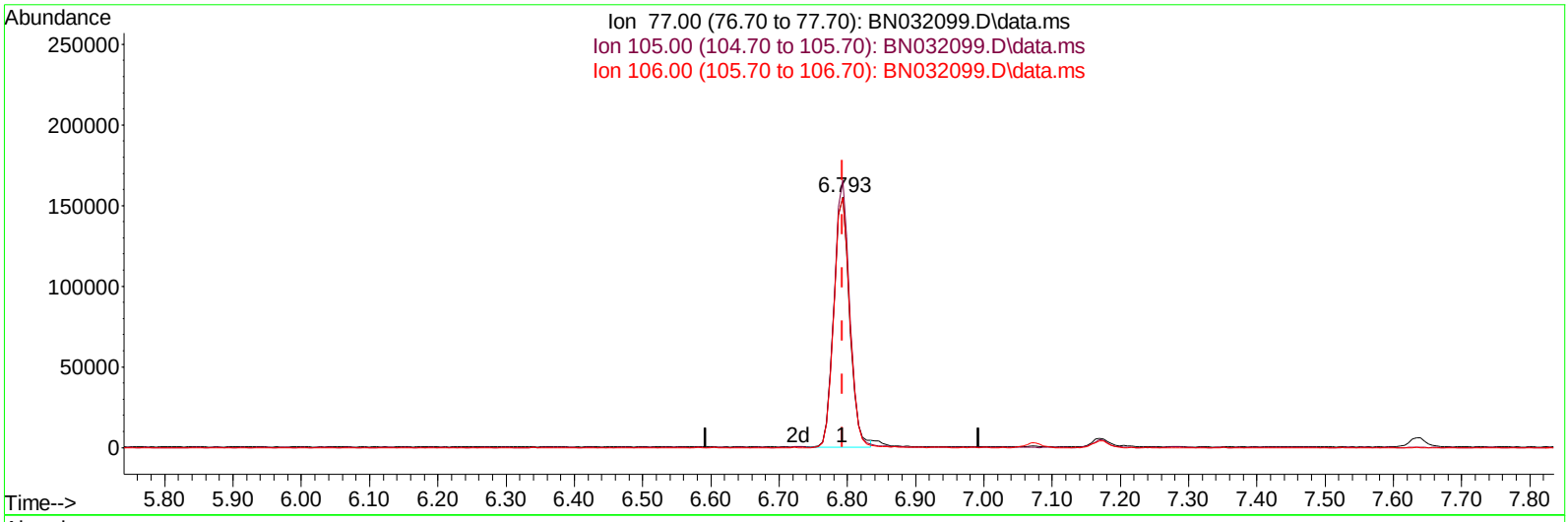

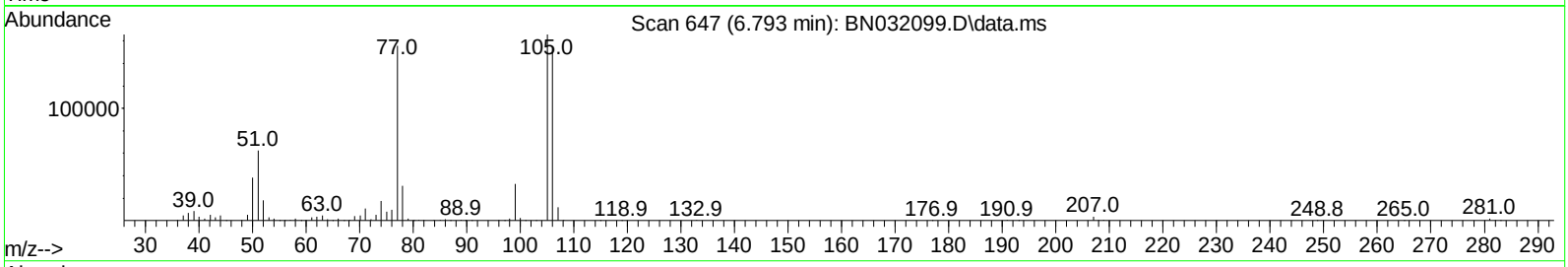

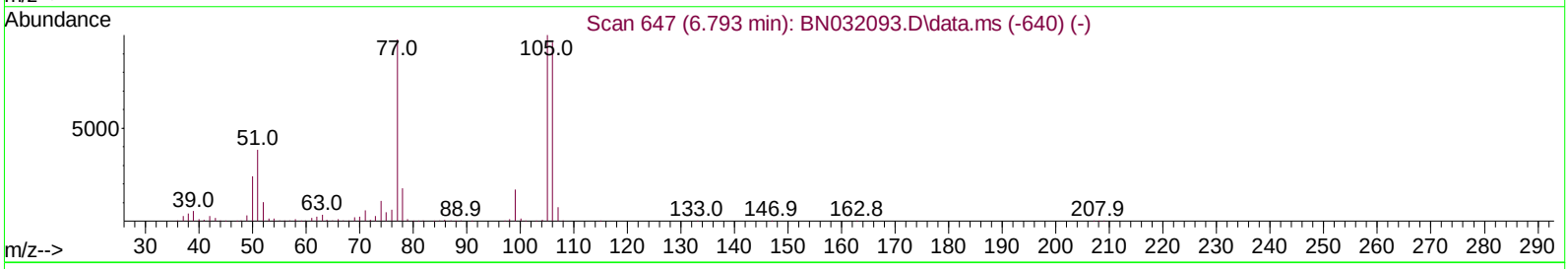

TIC: BN032099.D\data.ms

(6) Benzaldehyde

6.793min (+ 0.000) 20.83 ng/ul m

response 250768

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.30	106.63
106.00	96.00	99.59
0.00	0.00	0.00

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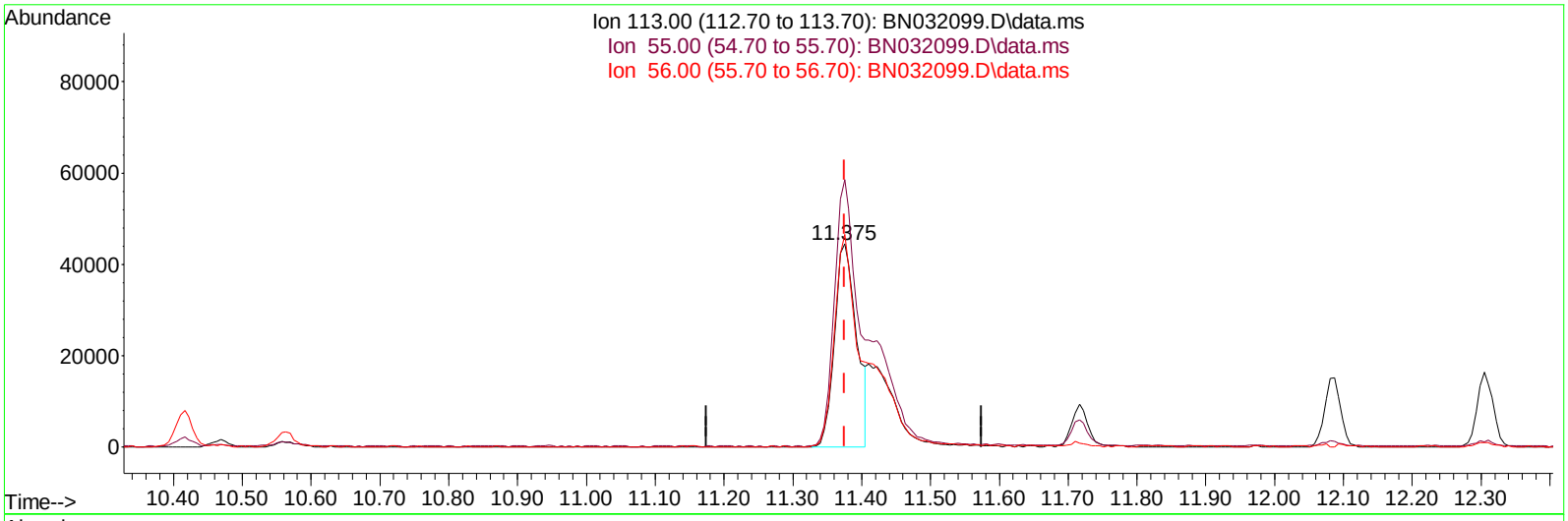

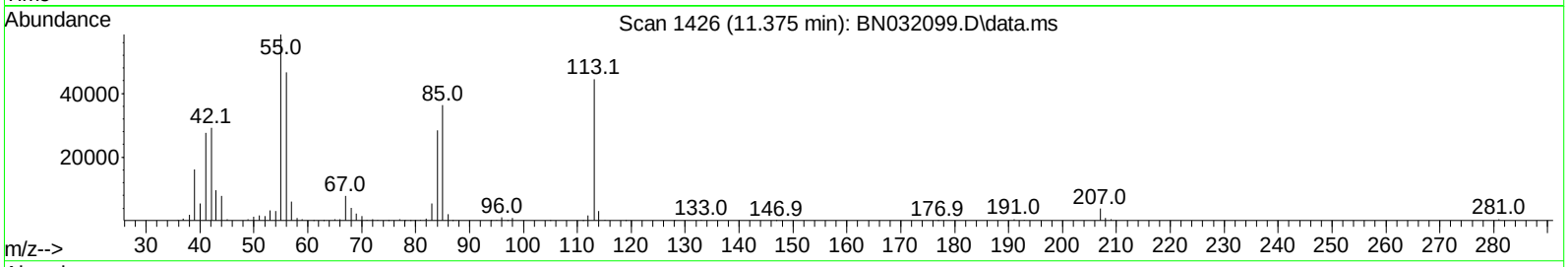

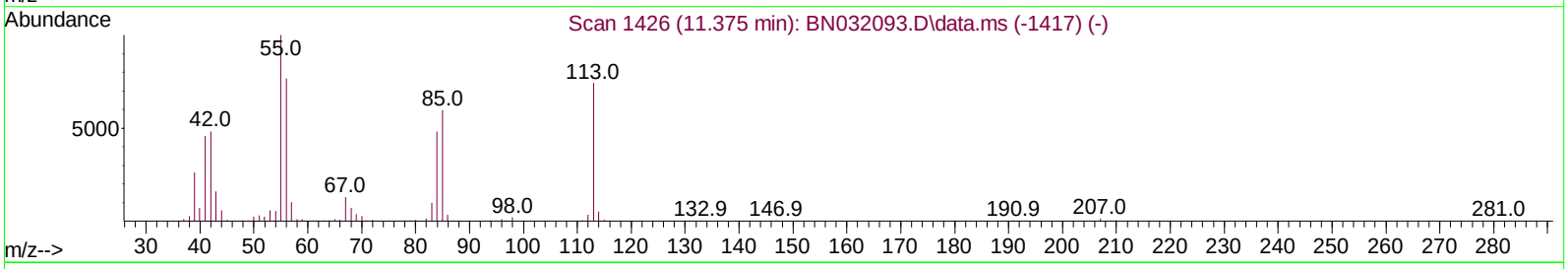

TIC: BN032099.D\data.ms

(34) Caprolactam

11.375min (+ 0.000) 12.13 ng/ul

response 98019

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	131.53
56.00	111.70	104.68
0.00	0.00	0.00

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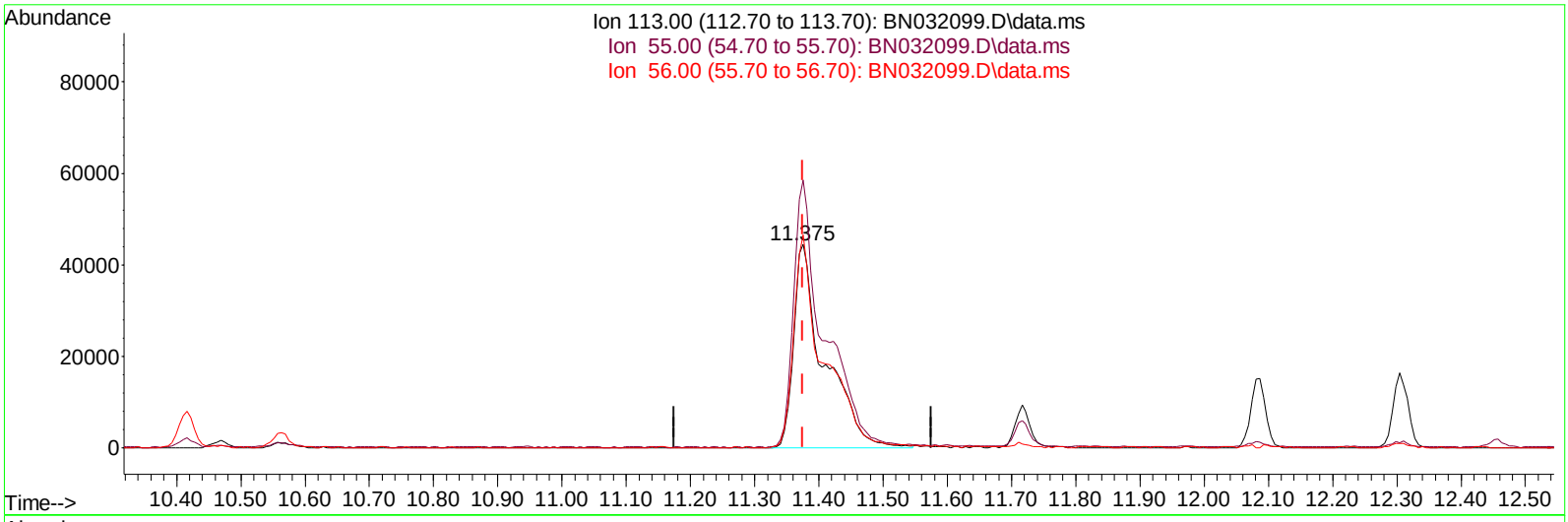

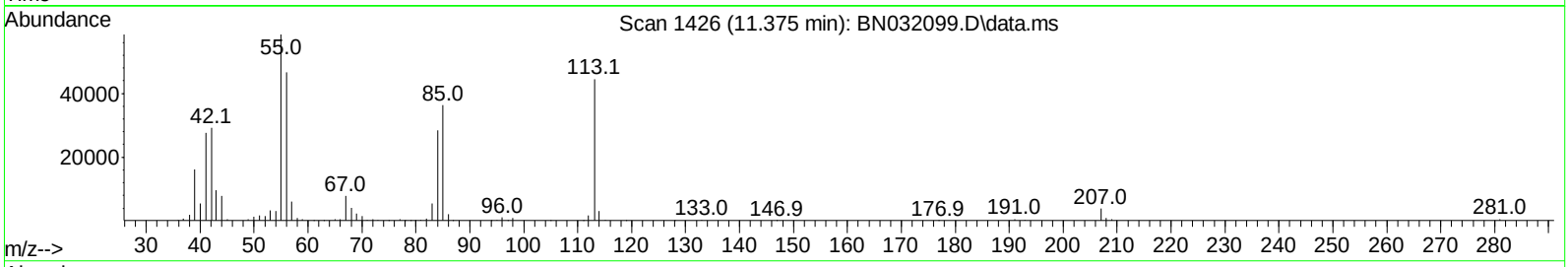

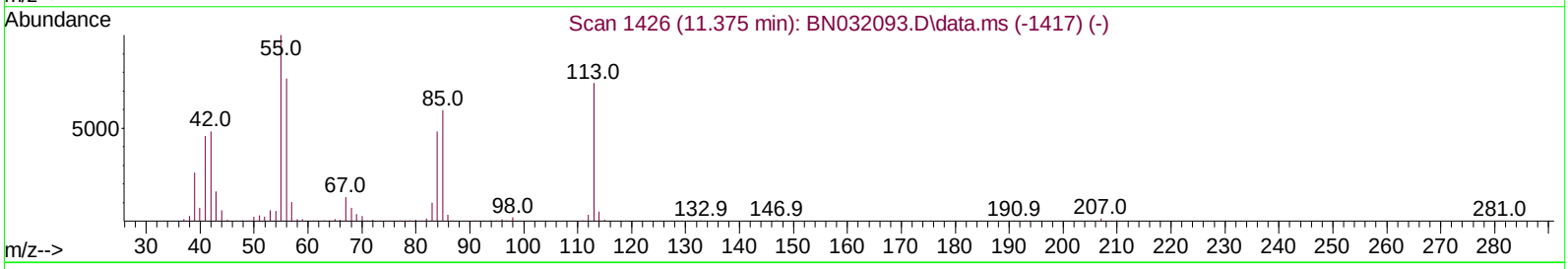

TIC: BN032099.D\data.ms

(34) Caprolactam

11.375min (+ 0.000) 18.22 ng/ul m

response 147245

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	131.53
56.00	111.70	104.68
0.00	0.00	0.00

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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	7.634	152	299433	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	1422397	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	989454	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.034	188	2031543	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	1615082	20.000	ng/ul	0.00
88) Perylene-d12	24.180	264	1415188	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	46412	6.412	ng/uL	0.00
4) Pyridine-d5	3.564	84	340735	16.724	ng/ul	0.00
7) Phenol-d5	6.816	99	470086	18.313	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	264481	17.615	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	392661	20.047	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	420930	20.116	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	210533	19.358	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	235000	20.918	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	436202	20.798	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	612902	19.682	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	1379217	20.009	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	1566677	19.766	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	248884	18.033	ng/ul	0.00
60) Fluorene-d10	15.281	176	1159009	19.872	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	218672	21.414	ng/ul	0.00
73) Anthracene-d10	17.128	188	1789523	20.575	ng/ul	0.00
81) Pyrene-d10	19.433	212	1923572	22.257	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1362321	20.160	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	50243	6.488	ng/uL	96
5) Pyridine	3.587	79	333154	16.354	ng/ul	98
6) Benzaldehyde	6.793	77	250768m	20.828	ng/ul	
8) Phenol	6.840	94	487157	18.648	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.075	93	404850	18.741	ng/ul	95
12) 2-Chlorophenol	7.205	128	412612	20.131	ng/ul	97
13) 2-Methylphenol	8.081	108	394001	19.527	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.158	45	463794	18.651	ng/ul	99
16) Acetophenone	8.463	105	654052	20.625	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.446	70	309990	18.864	ng/ul	98
18) 4-Methylphenol	8.411	108	434596	19.869	ng/ul	97
19) Hexachloroethane	8.699	117	170490	19.643	ng/ul	94
22) Nitrobenzene	8.834	77	470558	18.160	ng/ul	96
23) Isophorone	9.358	82	939110	17.668	ng/ul	97
25) 2-Nitrophenol	9.540	139	254536	20.738	ng/ul	95
26) 2,4-Dimethylphenol	9.605	107	462253	19.359	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.840	93	595394	17.973	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	430887	20.807	ng/ul	97
30) Naphthalene	10.469	128	1470530	19.976	ng/ul	99
32) 4-Chloroaniline	10.587	127	599885	19.842	ng/ul	97
33) Hexachlorobutadiene	10.740	225	261592	21.032	ng/ul	97
34) Caprolactam	11.375	113	147245m	18.216	ng/ul	
35) 4-Chloro-3-methylphenol	11.716	107	480875	19.866	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.087	142	1031027	20.490	ng/ul	99
37) 1-Methylnaphthalene	12.304	142	1033613	20.473	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.457	216	541206	20.682	ng/ul	99
40) Hexachlorocyclopentadiene	12.428	237	293538	19.463	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	359396	20.235	ng/ul	98
42) 2,4,5-Trichlorophenol	12.781	196	393743	20.400	ng/ul	97
43) 1,1'-Biphenyl	13.110	154	1380877	19.841	ng/ul	96
44) 2-Chloronaphthalene	13.151	162	1094123	20.072	ng/ul	97
45) 2-Nitroaniline	13.369	65	281634	17.824	ng/ul	89
47) Dimethylphthalate	13.746	163	1381144	19.592	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	289094	20.631	ng/ul	95
50) Acenaphthylene	14.004	152	1794550	20.034	ng/ul	100
51) 3-Nitroaniline	14.204	138	300951	20.087	ng/ul	91
52) Acenaphthene	14.345	153	1176744	19.854	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	134944	19.075	ng/ul	96
55) 4-Nitrophenol	14.516	109	191052	18.661	ng/ul	91
56) Dibenzofuran	14.681	168	1609649	19.990	ng/ul	97
57) 2,4-Dinitrotoluene	14.663	165	412422	20.058	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	331537	20.536	ng/ul	99
59) Diethylphthalate	15.116	149	1455070	20.003	ng/ul	99
61) Fluorene	15.334	166	1310203	20.205	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.328	204	638858	20.341	ng/ul	97
63) 4-Nitroaniline	15.369	138	284132	19.921	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.428	198	237873	21.913	ng/ul	98
67) N-Nitrosodiphenylamine	15.551	169	1157761	20.675	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	422798	21.479	ng/ul	96
69) Hexachlorobenzene	16.334	284	486020	21.785	ng/ul	92
70) Atrazine	16.504	200	328530	18.581	ng/ul	98
71) Pentachlorophenol	16.681	266	282593	19.798	ng/ul	92
72) Phenanthrene	17.075	178	2078443	20.084	ng/ul	99
74) Anthracene	17.163	178	2104068	20.065	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	545650	20.867	ng/uL	96
76) Pentachlorobenzene	14.598	250	545459	21.416	ng/uL	98
77) Carbazole	17.439	167	1917403	21.444	ng/ul	98
78) Di-n-butylphthalate	18.004	149	2552206	20.747	ng/ul	99
80) Fluoranthene	19.098	202	2361668	22.865	ng/ul	96
82) Pyrene	19.463	202	2387364	22.528	ng/ul	94
83) Butylbenzylphthalate	20.369	149	1089009	21.757	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.180	252	638097	20.603	ng/ul	100
85) Benzo(a)anthracene	21.251	228	2155592	19.940	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.175	149	1581571	21.676	ng/ul	96
87) Chrysene	21.310	228	1983188	19.640	ng/ul	98
89) Di-n-octyl phthalate	22.274	149	2625237	27.709	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	1792418	21.190	ng/ul	99
91) Benzo(k)fluoranthene	23.316	252	1792785	21.599	ng/ul	99
93) Benzo(a)pyrene	24.045	252	1597375	20.162	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.445	276	1731420	18.965	ng/ul	99
95) Dibenzo(a,h)anthracene	27.504	278	1447242	19.417	ng/ul	97
96) Benzo(g,h,i)perylene	28.468	276	1370408	18.883	ng/ul	97

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

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