Quantitation Report (Qedit)

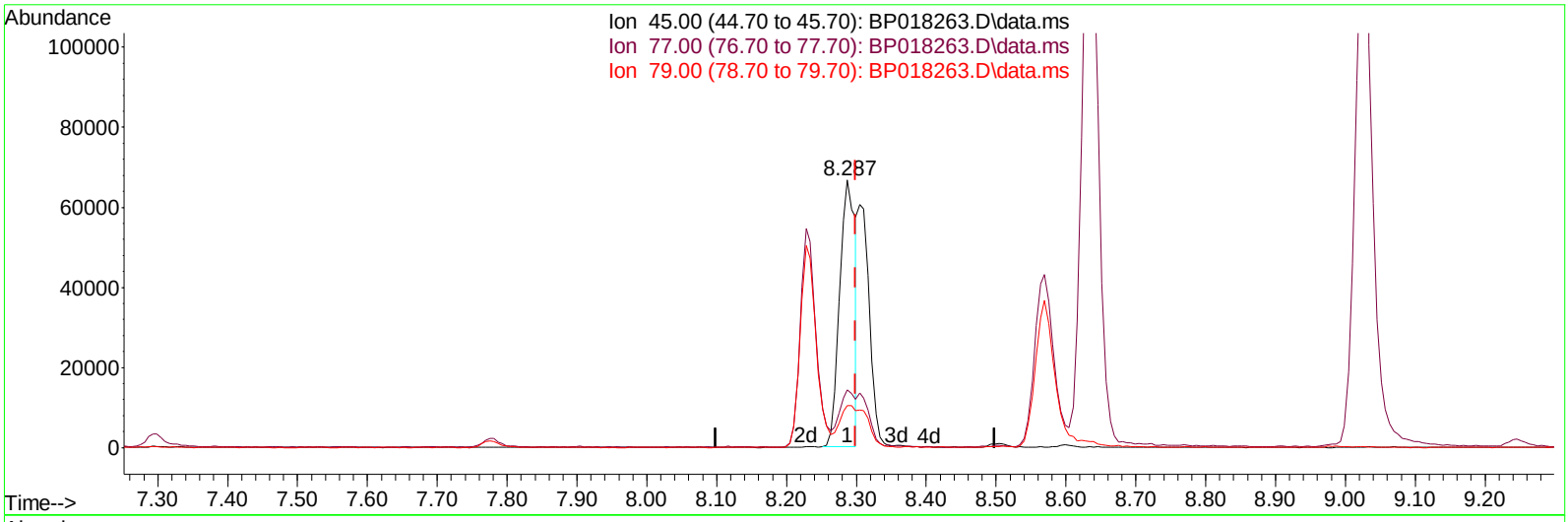
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018263.D
Acq On : 18 Nov 2023 16:04
Operator : MA/JU
Sample : PB157223BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

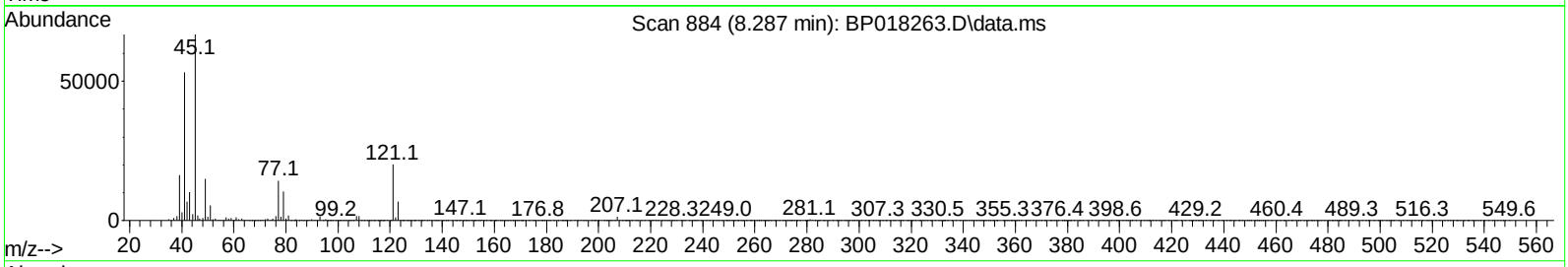
Quant Time: Nov 19 00:55:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 18:13:37 2023
Response via : Initial Calibration

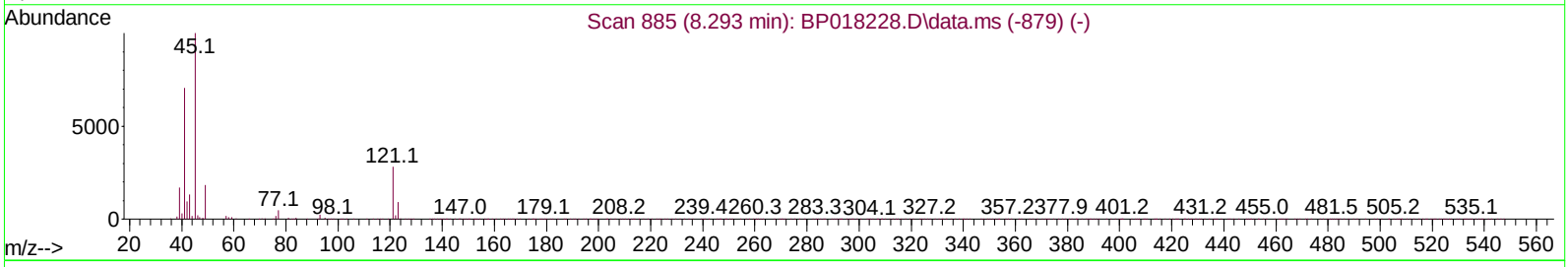
Instrument :
BNA_P
ClientSampleId :
SLCS223

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/19/2023







TIC: BP018263.D\data.ms

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

8.287min (-0.012) 17.46 ng/ul

response 103580

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	21.50
79.00	13.90	15.69
0.00	0.00	0.00

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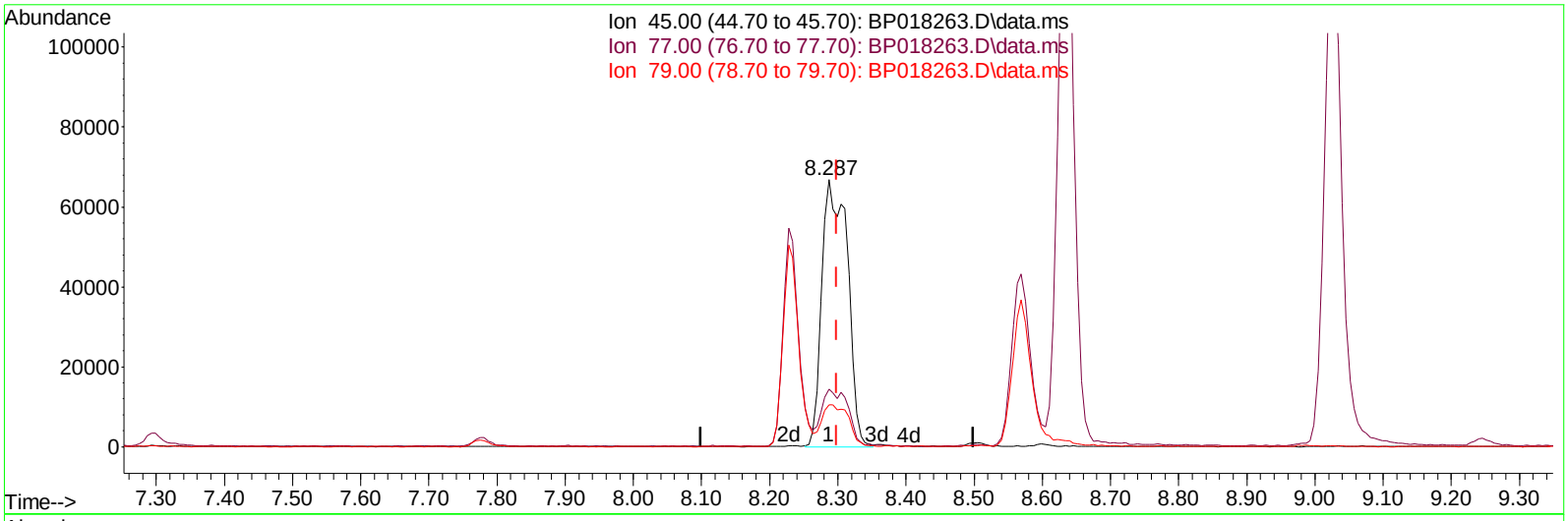

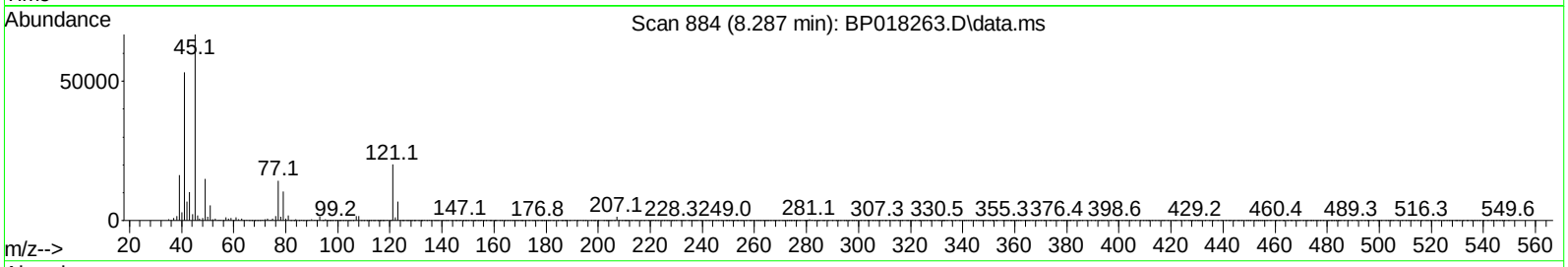

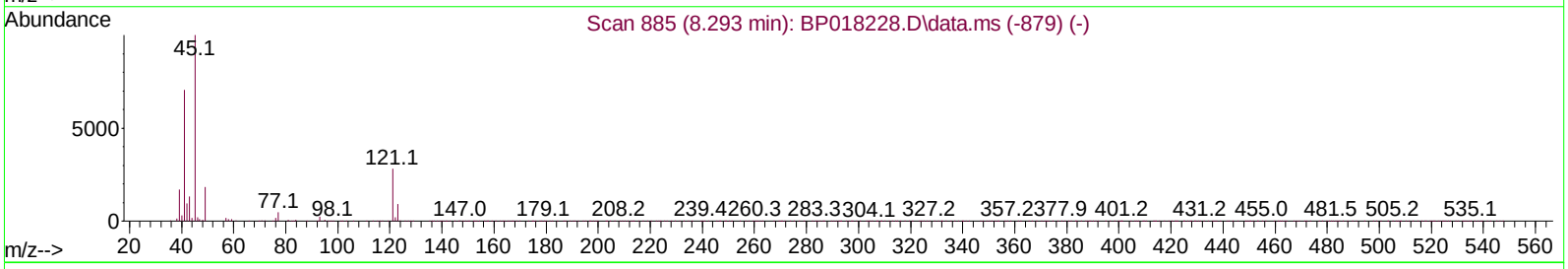

TIC: BP018263.D\data.ms

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

8.287min (-0.012) 29.34 ng/ul m

response 174054

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	21.50
79.00	13.90	15.69
0.00	0.00	0.00

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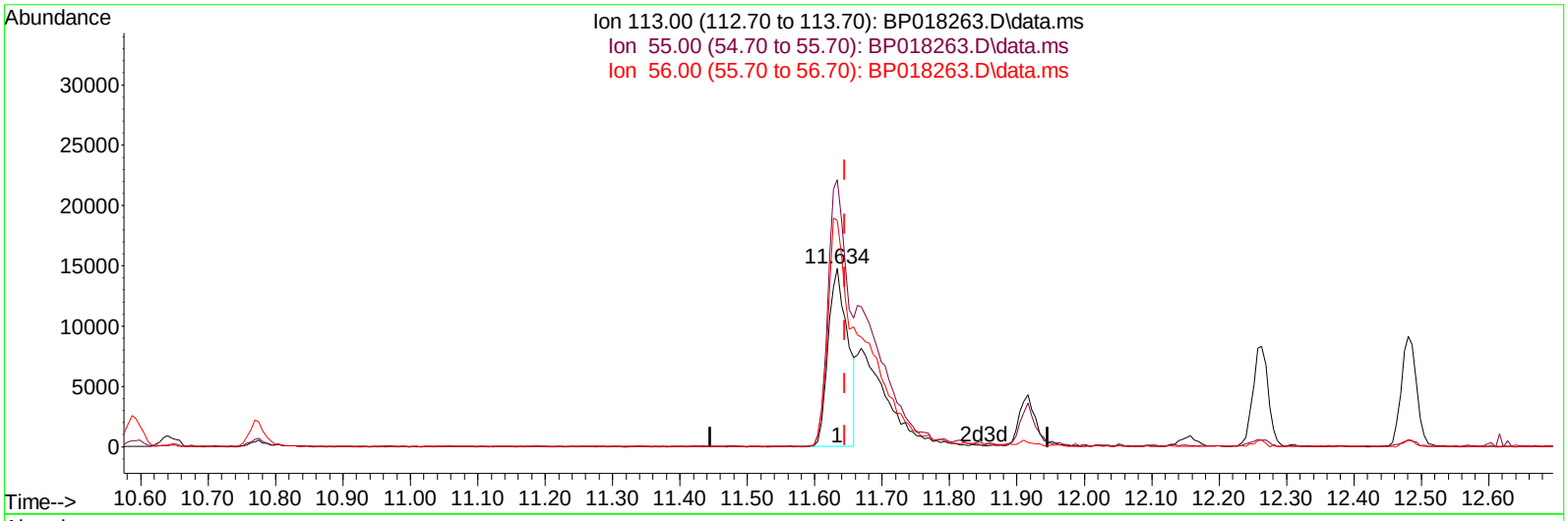

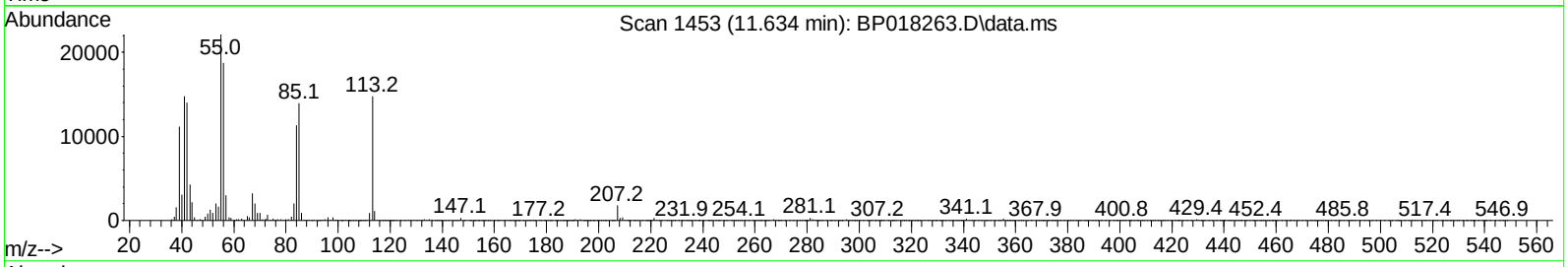

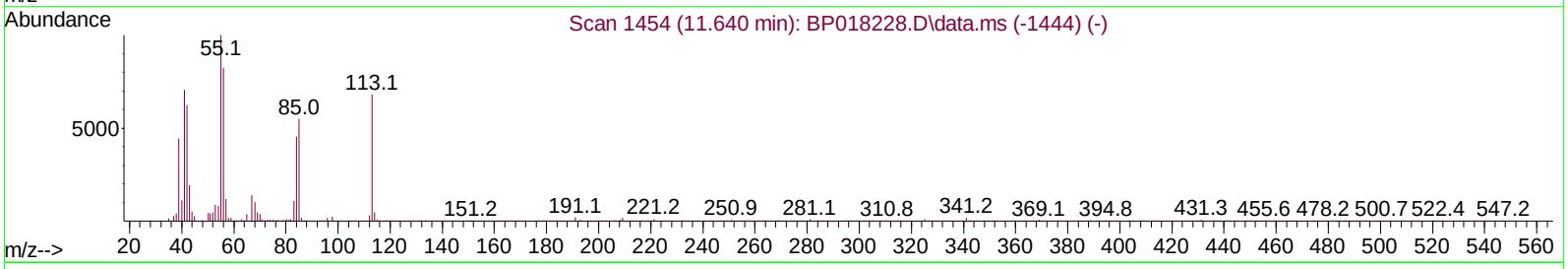

TIC: BP018263.D\data.ms

(34) Caprolactam

11.634min (-0.012) 17.40 ng/ul

response 30044

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	147.90	149.65
56.00	119.50	126.88
0.00	0.00	0.00

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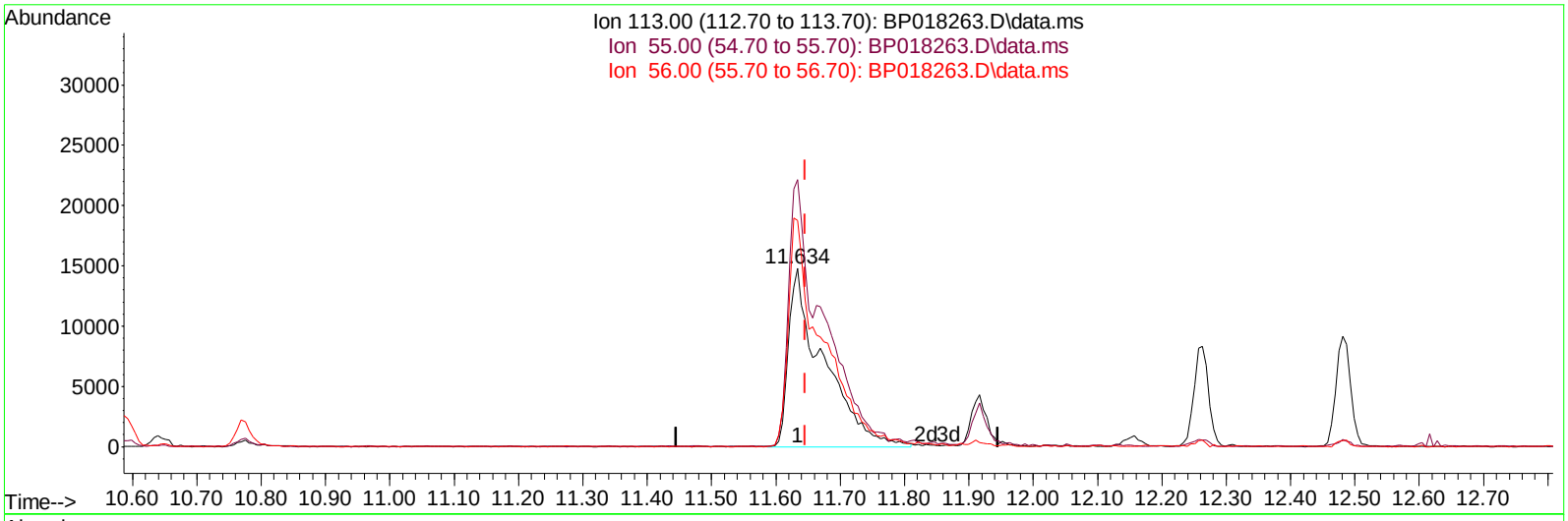

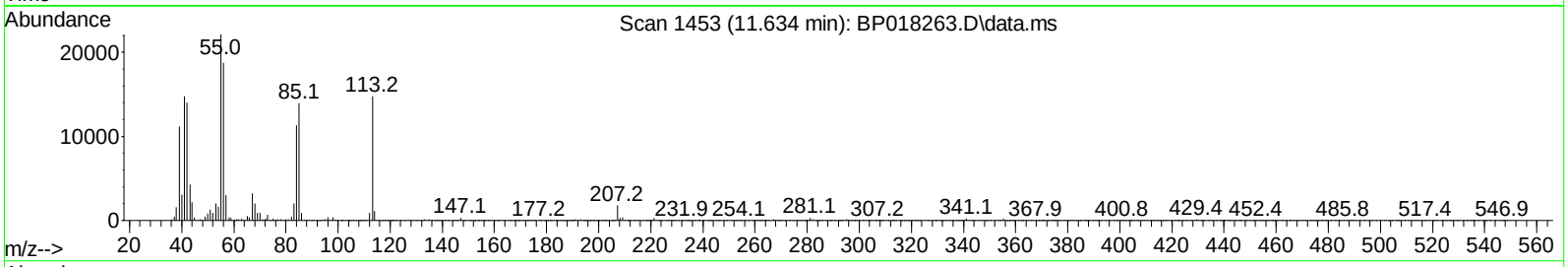

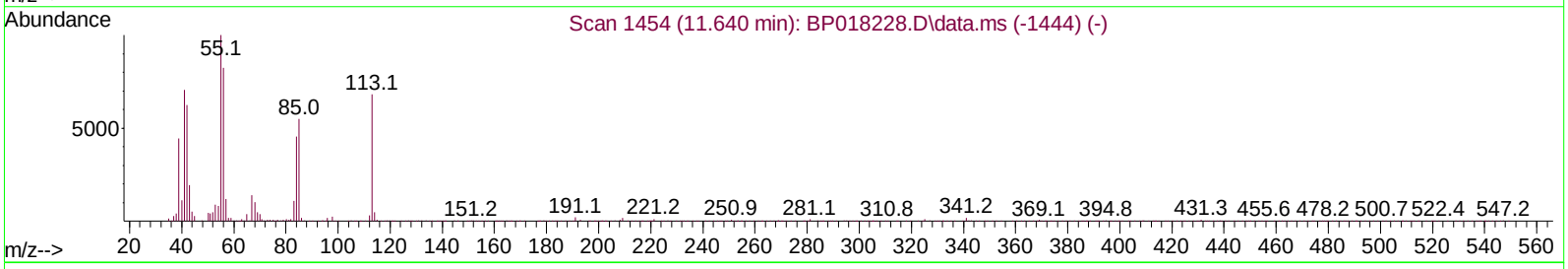

TIC: BP018263.D\data.ms

(34) Caprolactam

11.634min (-0.012) 32.36 ng/ul m

response 55862

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	147.90	149.65
56.00	119.50	126.88
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	7.775	152	70310	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.593	136	299148	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	220298	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	498849	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	494005	20.000	ng/ul	0.00
88) Perylene-d12	23.857	264	511531	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	10196	5.116	ng/uL	0.00
4) Pyridine-d5	3.587	84	138332	26.619	ng/ul	0.00
7) Phenol-d5	6.946	99	182165	26.837	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	109978	27.570	ng/ul	0.00
11) 2-Chlorophenol-d4	7.299	132	143212	26.642	ng/ul	0.00
15) 4-Methylphenol-d8	8.505	113	146886	26.408	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	72471	26.889	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.693	143	84630	27.717	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.216	165	165624	30.434	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.769	131	197526	26.467	ng/ul	-0.02
46) Dimethylphthalate-d6	13.881	166	565686	27.830	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	586703	26.501	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	79188	26.071	ng/ul	-0.02
60) Fluorene-d10	15.463	176	453248	27.008	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	108750	30.156	ng/ul	0.00
73) Anthracene-d10	17.339	188	745318	27.625	ng/ul	0.00
81) Pyrene-d10	19.604	212	926999	28.093	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.692	264	879369	29.565	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	24021	11.044	ng/uL	98
5) Pyridine	3.605	79	150646	28.087	ng/ul	97
6) Benzaldehyde	6.952	77	118220	32.339	ng/ul	94
8) Phenol	6.975	94	202967	30.311	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.222	93	156475	30.121	ng/ul	97
12) 2-Chlorophenol	7.328	128	165566	30.677	ng/ul	96
13) 2-Methylphenol	8.228	108	154007	30.439	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.287	45	174054m	29.343	ng/ul	
16) Acetophenone	8.634	105	271266	30.681	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.599	70	146484	30.346	ng/ul	94
18) 4-Methylphenol	8.569	108	166004	30.085	ng/ul	99
19) Hexachloroethane	8.822	117	83006	32.145	ng/ul	95
22) Nitrobenzene	9.028	77	235163	32.314	ng/ul	95
23) Isophorone	9.534	82	410551	30.917	ng/ul	99
25) 2-Nitrophenol	9.728	139	100249	31.950	ng/ul	95
26) 2,4-Dimethylphenol	9.769	107	167751	25.133	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.022	93	226451	31.272	ng/ul	99
29) 2,4-Dichlorophenol	10.246	162	176826	34.027	ng/ul	97
30) Naphthalene	10.640	128	557222	30.629	ng/ul	99
32) 4-Chloroaniline	10.799	127	193430	27.059	ng/ul	97
33) Hexachlorobutadiene	10.857	225	123495	32.371	ng/ul	99
34) Caprolactam	11.634	113	55862m	32.358	ng/ul	
35) 4-Chloro-3-methylphenol	11.916	107	209474	33.505	ng/ul	95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	404791	32.410	ng/ul	99
37) 1-Methylnaphthalene	12.481	142	398236	31.029	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.616	216	219905	29.549	ng/ul	96
40) Hexachlorocyclopentadiene	12.551	237	83968	23.375	ng/ul	98
41) 2,4,6-Trichlorophenol	12.887	196	152208	31.177	ng/ul	98
42) 2,4,5-Trichlorophenol	12.963	196	165305	32.173	ng/ul	94
43) 1,1'-Biphenyl	13.287	154	565135	30.168	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	453606	30.500	ng/ul	99
45) 2-Nitroaniline	13.592	65	163102	33.984	ng/ul	96
47) Dimethylphthalate	13.928	163	631124	31.652	ng/ul	100
48) 2,6-Dinitrotoluene	14.087	165	129144	32.586	ng/ul	99
50) Acenaphthylene	14.187	152	759410	30.382	ng/ul	99
51) 3-Nitroaniline	14.434	138	118499	32.222	ng/ul	97
52) Acenaphthene	14.522	153	506639	30.567	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	62261	28.797	ng/ul	94
55) 4-Nitrophenol	14.734	109	129208	32.047	ng/ul	93
56) Dibenzofuran	14.863	168	694410	30.573	ng/ul	98
57) 2,4-Dinitrotoluene	14.881	165	194943	32.923	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.086	232	150605	32.951	ng/ul	95
59) Diethylphthalate	15.287	149	663564	31.854	ng/ul	98
61) Fluorene	15.516	166	616261	31.958	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	337161	35.679	ng/ul	96
63) 4-Nitroaniline	15.610	138	118545	34.160	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.634	198	122610	32.765	ng/ul	100
67) N-Nitrosodiphenylamine	15.745	169	505348	31.588	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	189746	33.748	ng/ul	95
69) Hexachlorobenzene	16.498	284	216493	34.508	ng/ul	93
70) Atrazine	16.704	200	148015	26.523	ng/ul	97
71) Pentachlorophenol	16.875	266	90584	23.786	ng/ul	97
72) Phenanthrene	17.286	178	995759	32.510	ng/ul	99
74) Anthracene	17.381	178	991286	31.714	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	248759	32.655	ng/uL	96
76) Pentachlorobenzene	14.751	250	257942	34.588	ng/uL	97
77) Carbazole	17.675	167	911306	33.574	ng/ul	99
78) Di-n-butylphthalate	18.186	149	1244249	36.128	ng/ul	99
80) Fluoranthene	19.269	202	1235287	32.055	ng/ul	100
82) Pyrene	19.633	202	1300135	32.196	ng/ul	98
83) Butylbenzylphthalate	20.504	149	601385	35.412	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.310	252	400074	33.897	ng/ul	95
85) Benzo(a)anthracene	21.363	228	1323547	33.180	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	863923	36.898	ng/ul	99
87) Chrysene	21.416	228	1212368	32.487	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	1473142	38.508	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	1235617	33.942	ng/ul	98
91) Benzo(k)fluoranthene	23.139	252	1247378	34.057	ng/ul	99
93) Benzo(a)pyrene	23.745	252	1163617	33.847	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.492	276	1364540	33.093	ng/ul	99
95) Dibenzo(a,h)anthracene	26.515	278	1140186	33.583	ng/ul	99
96) Benzo(g,h,i)perylene	27.309	276	1084035	32.870	ng/ul	97

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

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