Quantitation Report (Qedit)

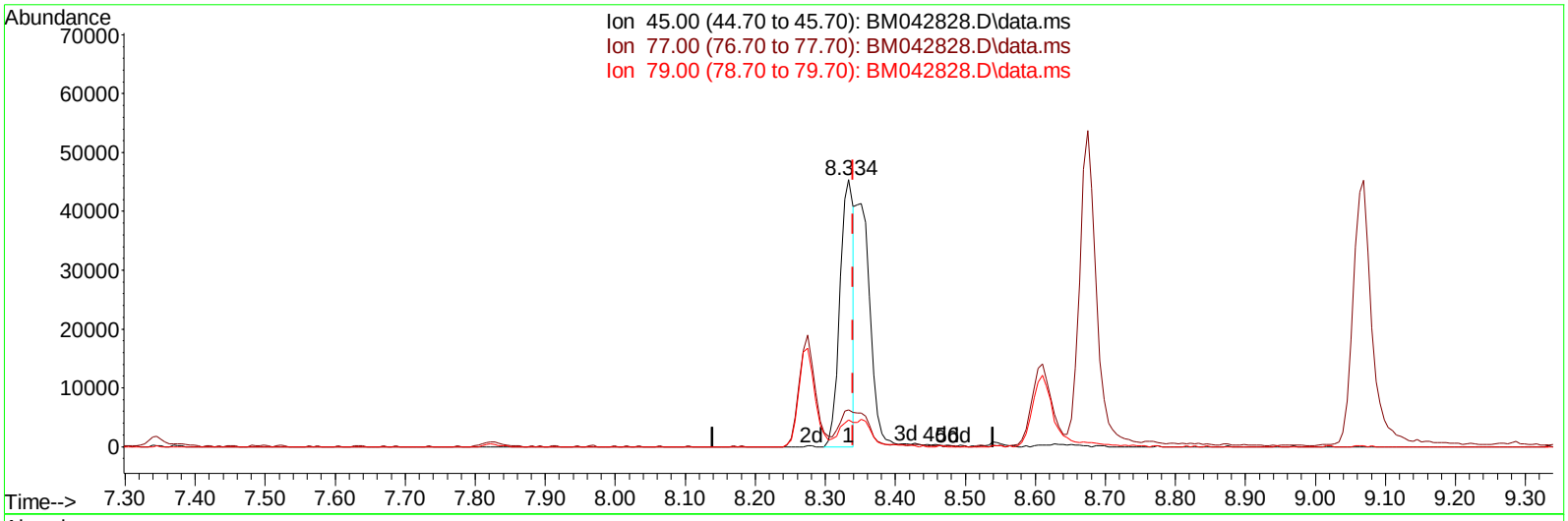
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042828.D
Acq On : 17 Nov 2023 04:46
Operator : MA/JU
Sample : PB157009BS
Misc :
ALS Vial : 70 Sample Multiplier: 1

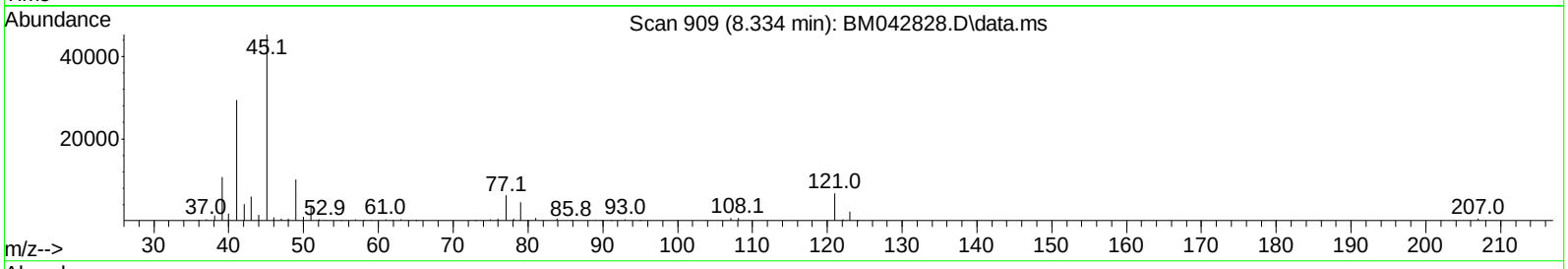
Quant Time: Nov 17 05:49:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

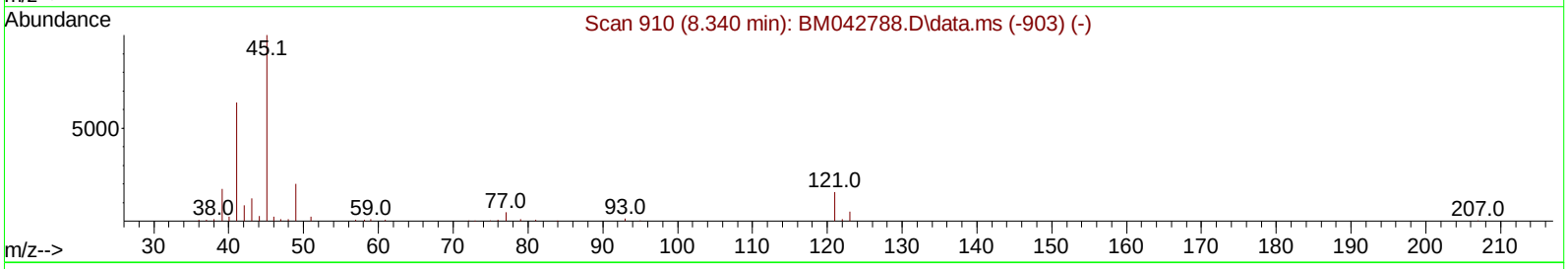
Instrument :
BNA_M
ClientSampleId :
SLCS009

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023







TIC: BM042828.D\data.ms

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

8.334min (-0.006) 19.69 ng/ul

response 61657

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.70
79.00	10.20	10.09
0.00	0.00	0.00

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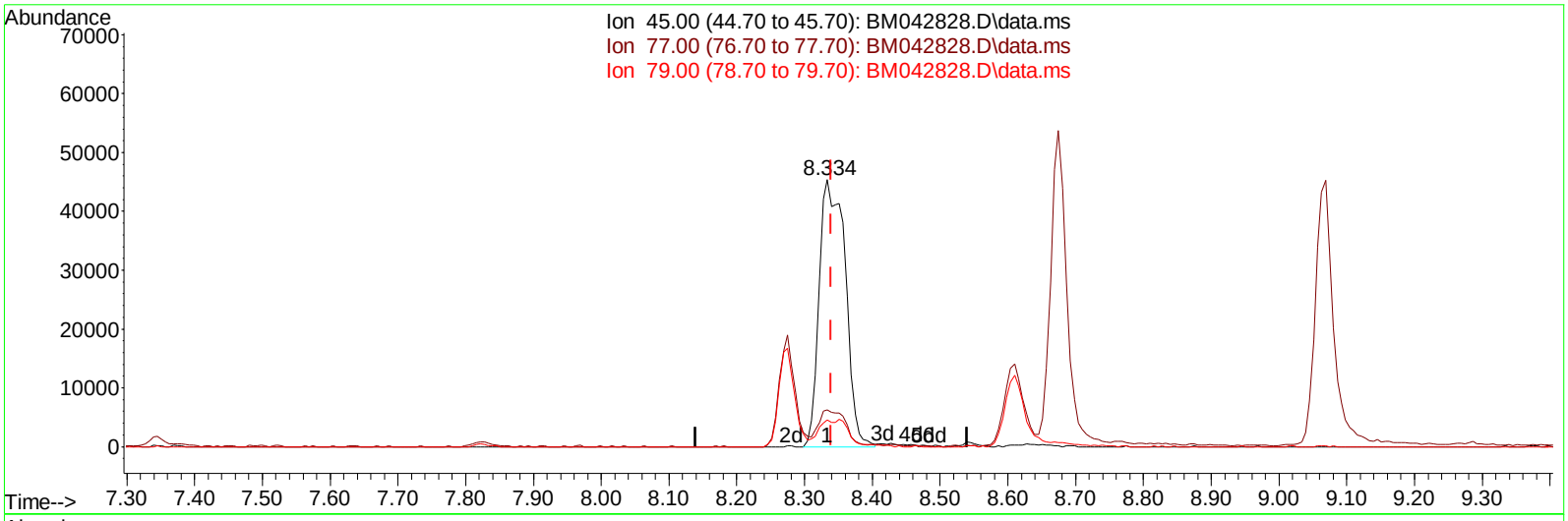

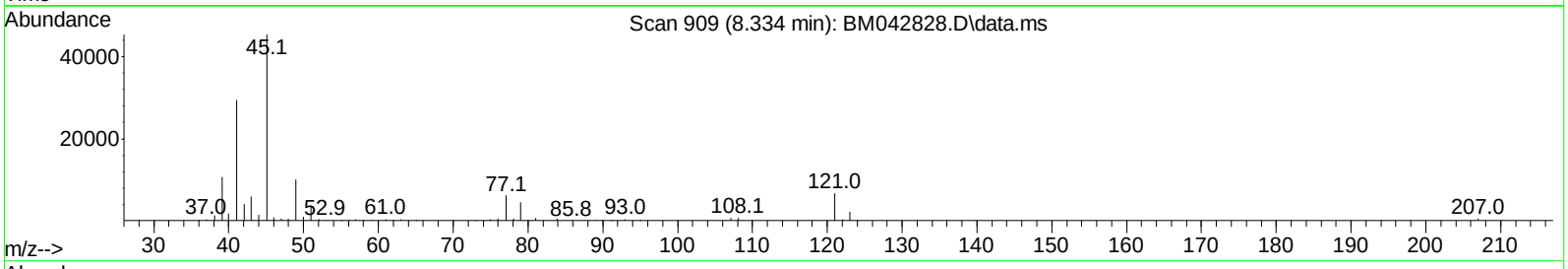

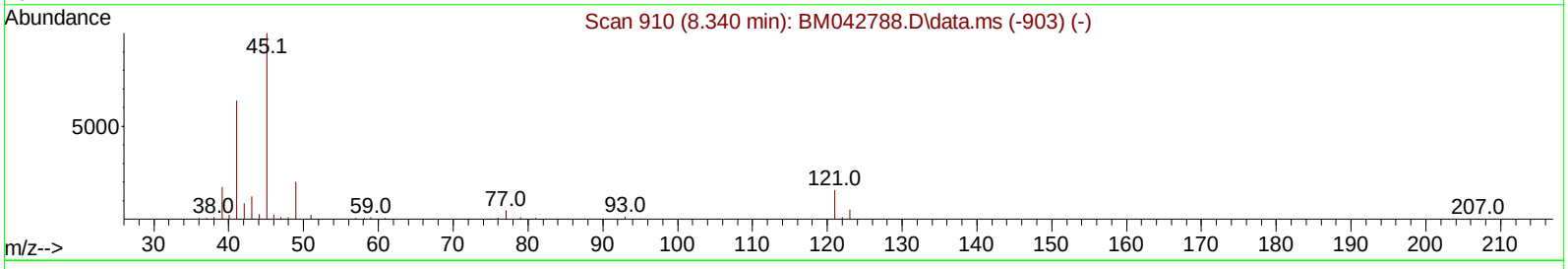

TIC: BM042828.D\data.ms

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

8.334min (-0.006) 38.78 ng/ul m

response 121446

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.70
79.00	10.20	10.09
0.00	0.00	0.00

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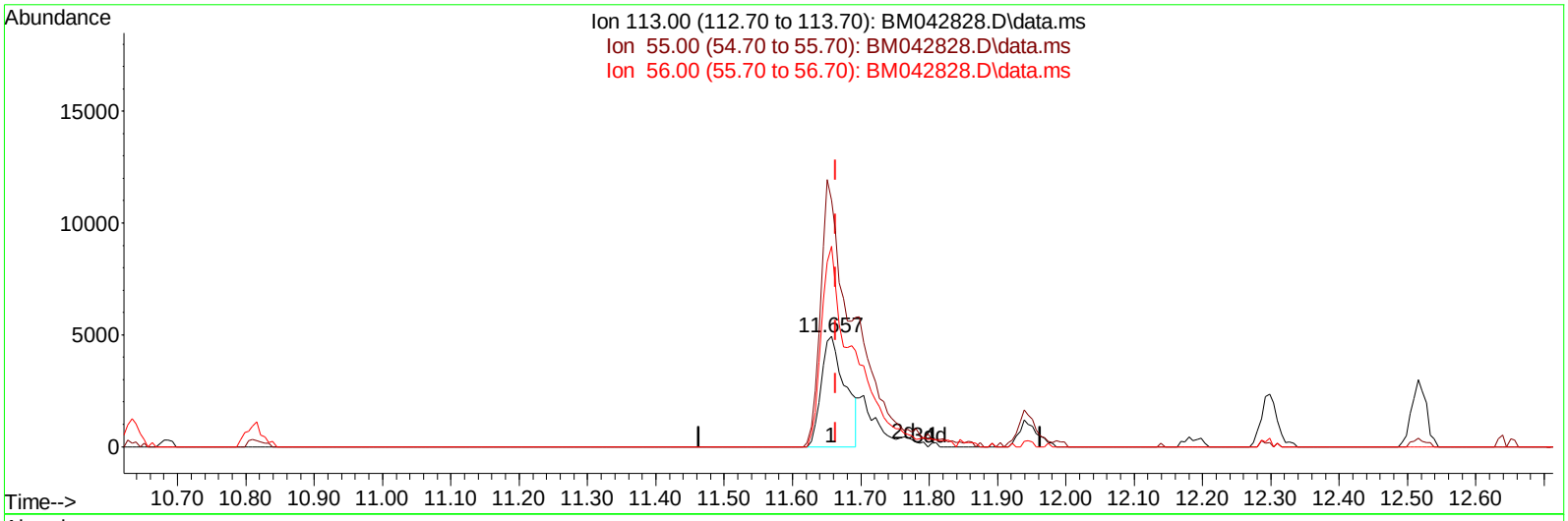

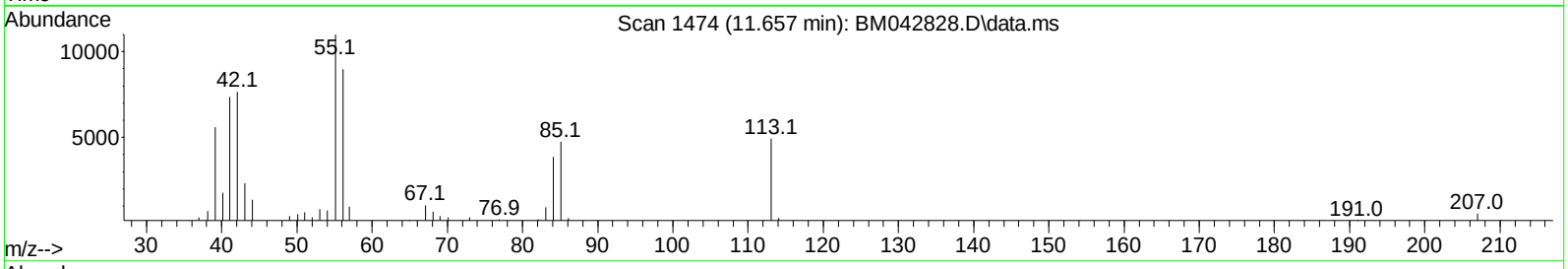

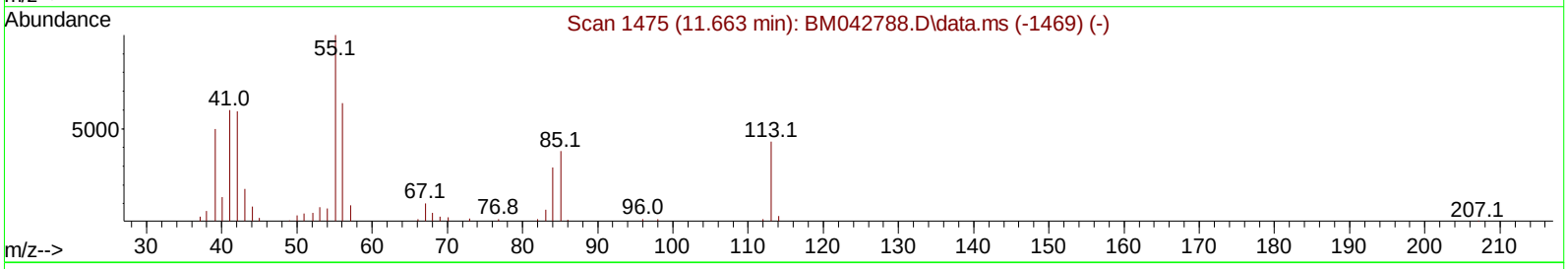

TIC: BM042828.D\data.ms

(34) Caprolactam

11.657min (-0.006) 25.57 ng/ul

response 12014

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	223.33
56.00	167.90	182.10
0.00	0.00	0.00

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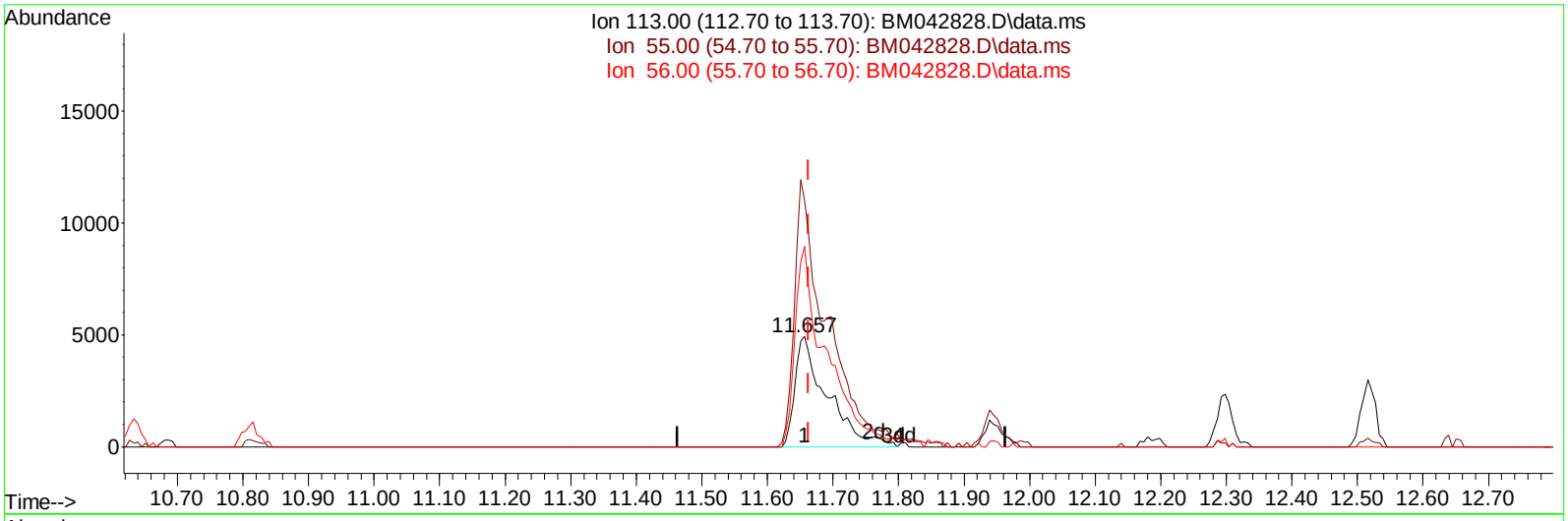

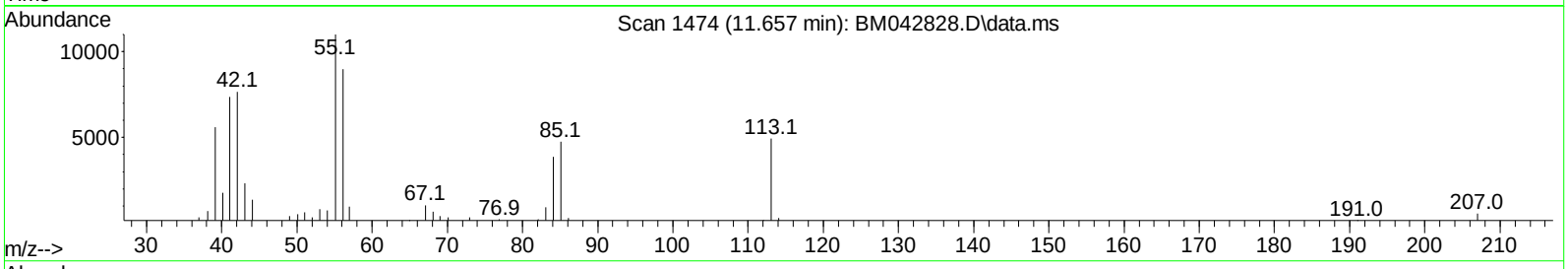

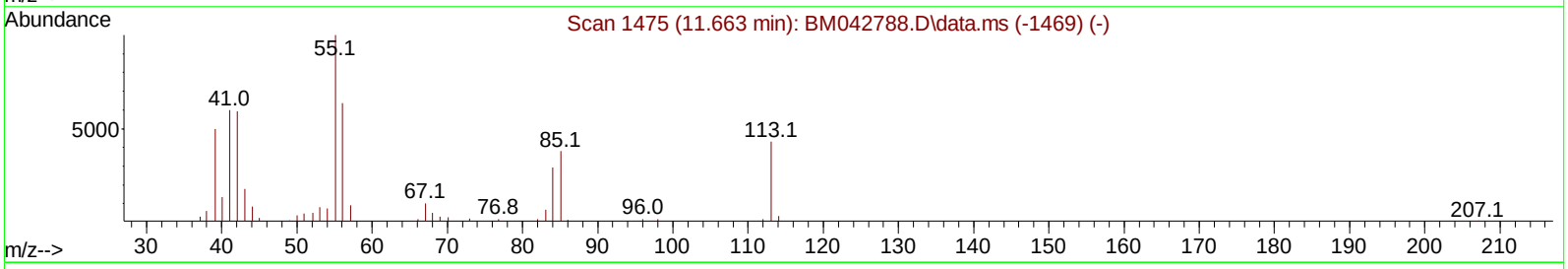

TIC: BM042828.D\data.ms

(34) Caprolactam

11.657min (-0.006) 35.76 ng/ul m

response 16800

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	223.33
56.00	167.90	182.10
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	7.822	152	21512	20.000	ng/ul	0.00
20) Naphthalene-d8	10.633	136	87763	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.480	164	57444	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	125612	20.000	ng/ul	0.00
79) Chrysene-d12	21.415	240	138943	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	153467	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	4256	6.208	ng/uL	0.00
4) Pyridine-d5	3.610	84	58806	34.484	ng/ul	0.00
7) Phenol-d5	6.987	99	72099	34.437	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	54810	37.256	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	52583	32.549	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	52819	32.041	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	24537	31.889	ng/ul	0.00
24) 2-Nitrophenol-d4	9.733	143	26449	29.383	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	55866	33.379	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	62206	29.272	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	175172	32.220	ng/ul	0.00
49) Acenaphthylene-d8	14.174	160	188861	32.467	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.727	143	14850	24.176	ng/ul	-0.01
60) Fluorene-d10	15.468	176	145651	32.352	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.621	200	27187	28.573	ng/ul	0.00
73) Anthracene-d10	17.327	188	227318	32.291	ng/ul	-0.01
81) Pyrene-d10	19.627	212	294448	32.362	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	308646	33.622	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	9901	13.561	ng/uL	95
5) Pyridine	3.634	79	66701	35.970	ng/ul	99
6) Benzaldehyde	6.987	77	46728	38.900	ng/ul	93
8) Phenol	7.016	94	72819	34.966	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.263	93	59906	34.824	ng/ul	92
12) 2-Chlorophenol	7.375	128	55242	34.360	ng/ul	89
13) 2-Methylphenol	8.275	108	51632	33.247	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.334	45	121446m	38.781	ng/ul	
16) Acetophenone	8.675	105	89869	32.421	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.639	70	58241	34.515	ng/ul	92
18) 4-Methylphenol	8.610	108	55454	32.844	ng/ul	99
19) Hexachloroethane	8.875	117	31826	35.517	ng/ul#	84
22) Nitrobenzene	9.069	77	84380	36.283	ng/ul	94
23) Isophorone	9.569	82	156757	33.843	ng/ul	97
25) 2-Nitrophenol	9.769	139	29239	31.972	ng/ul	97
26) 2,4-Dimethylphenol	9.810	107	61137	31.245	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.063	93	83362	35.616	ng/ul	97
29) 2,4-Dichlorophenol	10.286	162	54534	34.414	ng/ul	96
30) Naphthalene	10.686	128	181400	32.992	ng/ul	100
32) 4-Chloroaniline	10.833	127	54426	26.696	ng/ul	93
33) Hexachlorobutadiene	10.904	225	46334	33.101	ng/ul	99
34) Caprolactam	11.657	113	16800m	35.756	ng/ul	
35) 4-Chloro-3-methylphenol	11.945	107	58140	34.240	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	12.298	142	121291	32.915	ng/ul	99
37) 1-Methylnaphthalene	12.516	142	123892	31.977	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.651	216	78987	35.061	ng/ul	96
40) Hexachlorocyclopentadiene	12.586	237	27907	26.165	ng/ul	99
41) 2,4,6-Trichlorophenol	12.910	196	46437	33.745	ng/ul	99
42) 2,4,5-Trichlorophenol	12.986	196	48533	36.525	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	165720	34.593	ng/ul#	96
44) 2-Chloronaphthalene	13.363	162	133859	34.733	ng/ul	98
45) 2-Nitroaniline	13.610	65	45158	35.929	ng/ul	94
47) Dimethylphthalate	13.945	163	179088	33.820	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	33228	33.401	ng/ul	92
50) Acenaphthylene	14.204	152	221457	33.976	ng/ul	98
51) 3-Nitroaniline	14.445	138	23910	29.392	ng/ul	92
52) Acenaphthene	14.539	153	152102	34.505	ng/ul	96
53) 2,4-Dinitrophenol	14.657	184	12066	24.393	ng/ul	89
55) 4-Nitrophenol	14.739	109	30731	31.794	ng/ul	98
56) Dibenzofuran	14.880	168	208372	34.057	ng/ul	98
57) 2,4-Dinitrotoluene	14.886	165	49473	33.874	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.098	232	46832	33.953	ng/ul	97
59) Diethylphthalate	15.298	149	186058	33.507	ng/ul	99
61) Fluorene	15.527	166	180523	34.752	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.521	204	99172	35.425	ng/ul	95
63) 4-Nitroaniline	15.615	138	24671	33.266	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.633	198	29902	30.869	ng/ul#	89
67) N-Nitrosodiphenylamine	15.745	169	139736	35.469	ng/ul	99
68) 4-Bromophenyl-phenylether	16.415	248	57513	34.398	ng/ul	94
69) Hexachlorobenzene	16.498	284	69933	34.214	ng/ul	98
70) Atrazine	16.698	200	51336	33.829	ng/ul	96
71) Pentachlorophenol	16.868	266	36762	31.233	ng/ul	97
72) Phenanthrene	17.274	178	273801	34.891	ng/ul	98
74) Anthracene	17.368	178	274511	34.778	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	79191	35.654	ng/uL	99
76) Pentachlorobenzene	14.768	250	84210	36.133	ng/uL	99
77) Carbazole	17.656	167	215806	33.111	ng/ul	99
78) Di-n-butylphthalate	18.174	149	318273	33.395	ng/ul	98
80) Fluoranthene	19.292	202	344086	33.168	ng/ul	99
82) Pyrene	19.656	202	371751	33.796	ng/ul	99
83) Butylbenzylphthalate	20.539	149	146617	31.206	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.344	252	105003	29.528	ng/ul	98
85) Benzo(a)anthracene	21.397	228	375267	34.406	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	223631	31.372	ng/ul	97
87) Chrysene	21.450	228	355491	33.607	ng/ul	98
89) Di-n-octyl phthalate	22.191	149	391882	31.612	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	374017	35.711	ng/ul	98
91) Benzo(k)fluoranthene	23.091	252	401759	36.036	ng/ul	99
93) Benzo(a)pyrene	23.668	252	364109	35.678	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.238	276	456524	35.994	ng/ul	97
95) Dibenzo(a,h)anthracene	26.244	278	369612	35.150	ng/ul	97
96) Benzo(g,h,i)perylene	26.997	276	358509	35.596	ng/ul	99

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

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