Quantitation Report (Qedit)

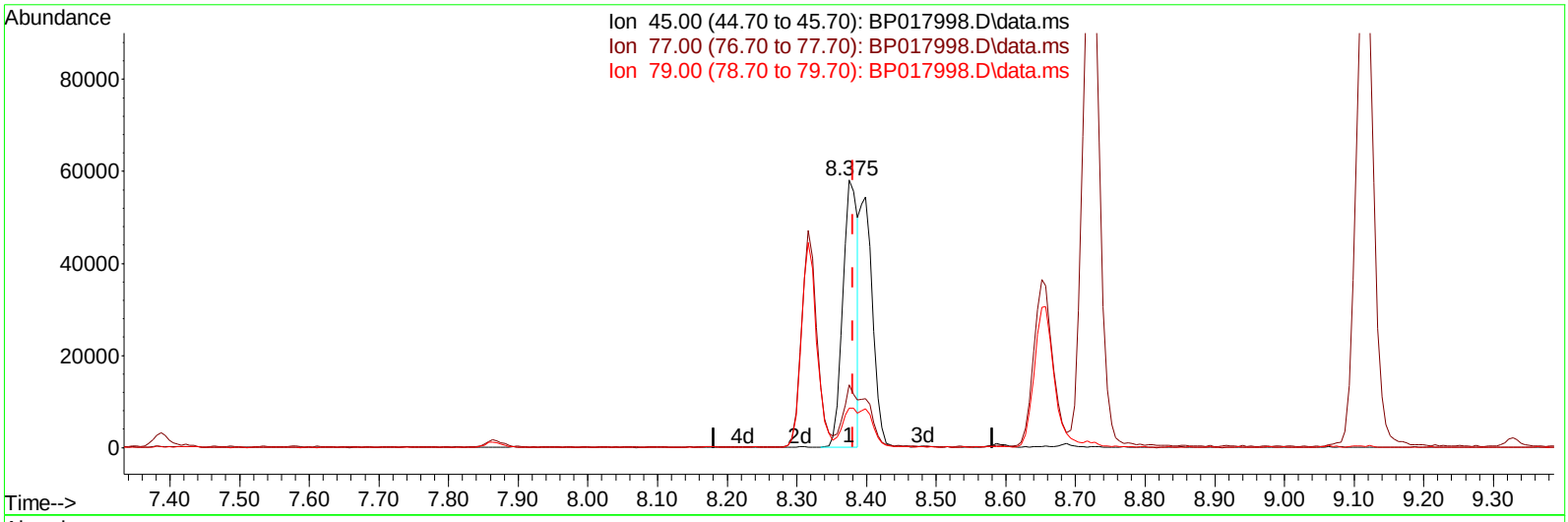
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP017998.D
Acq On : 09 Nov 2023 20:41
Operator : MA/JU
Sample : PB156742BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

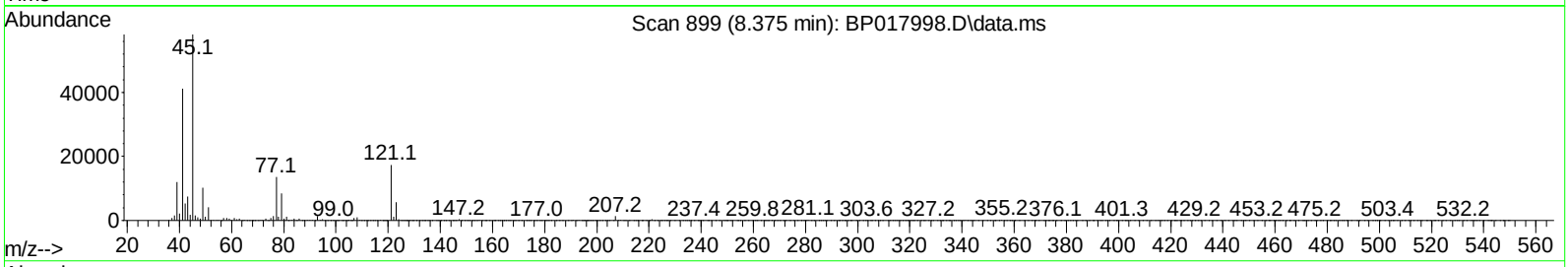
Quant Time: Nov 09 23:17:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 22:34:38 2023
Response via : Initial Calibration

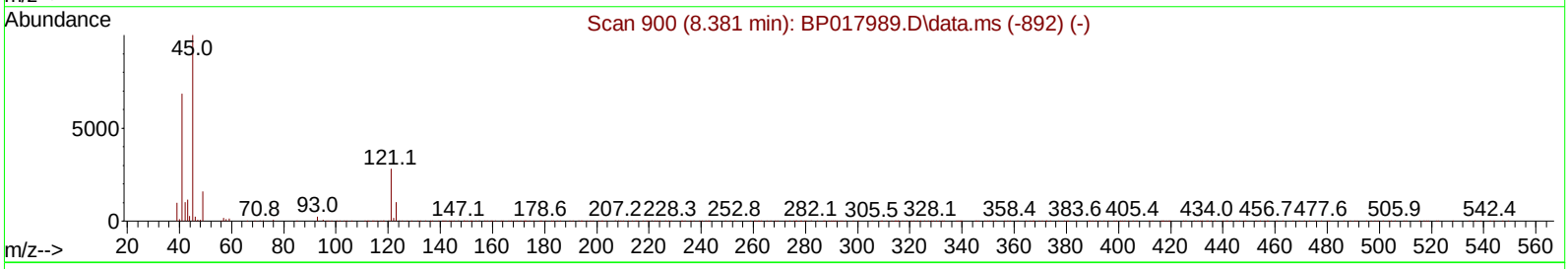
Instrument :
BNA_P
ClientSampleId :
SLCS742

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023







TIC: BP017998.D\data.ms

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

8.375min (-0.006) 20.79 ng/ul

response 85905

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.70	23.52
79.00	13.30	14.68
0.00	0.00	0.00

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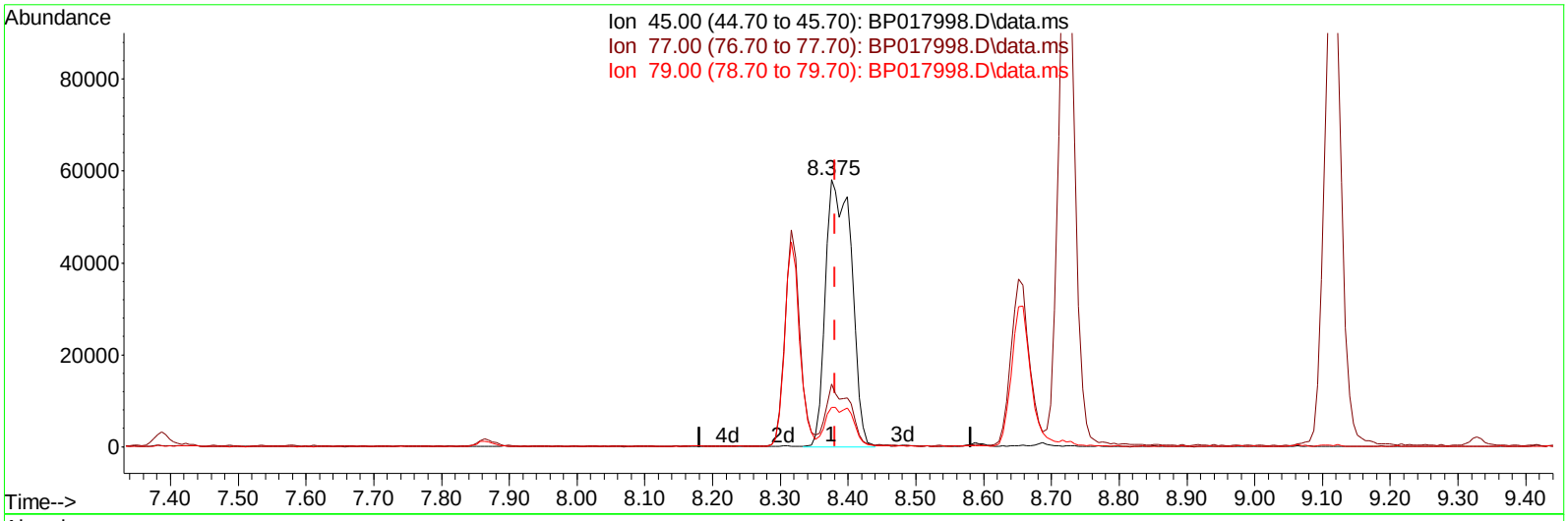

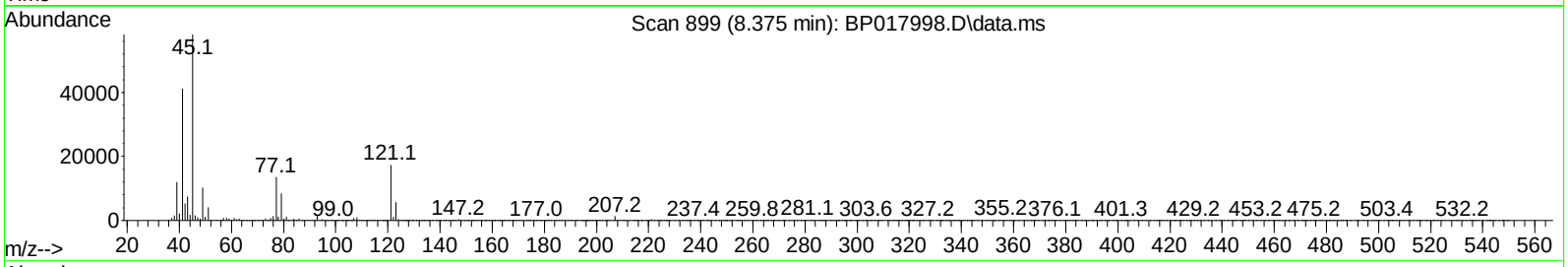

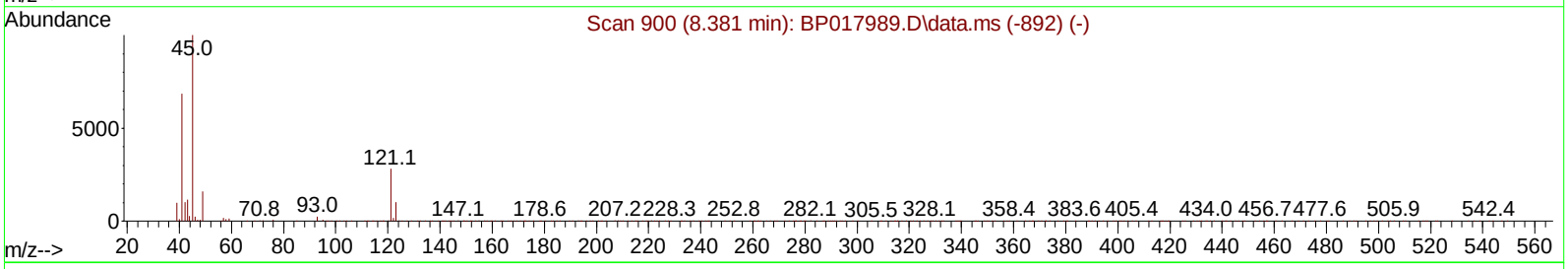

TIC: BP017998.D\data.ms

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

8.375min (-0.006) 37.36 ng/ul m

response 154347

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.70	23.52
79.00	13.30	14.68
0.00	0.00	0.00

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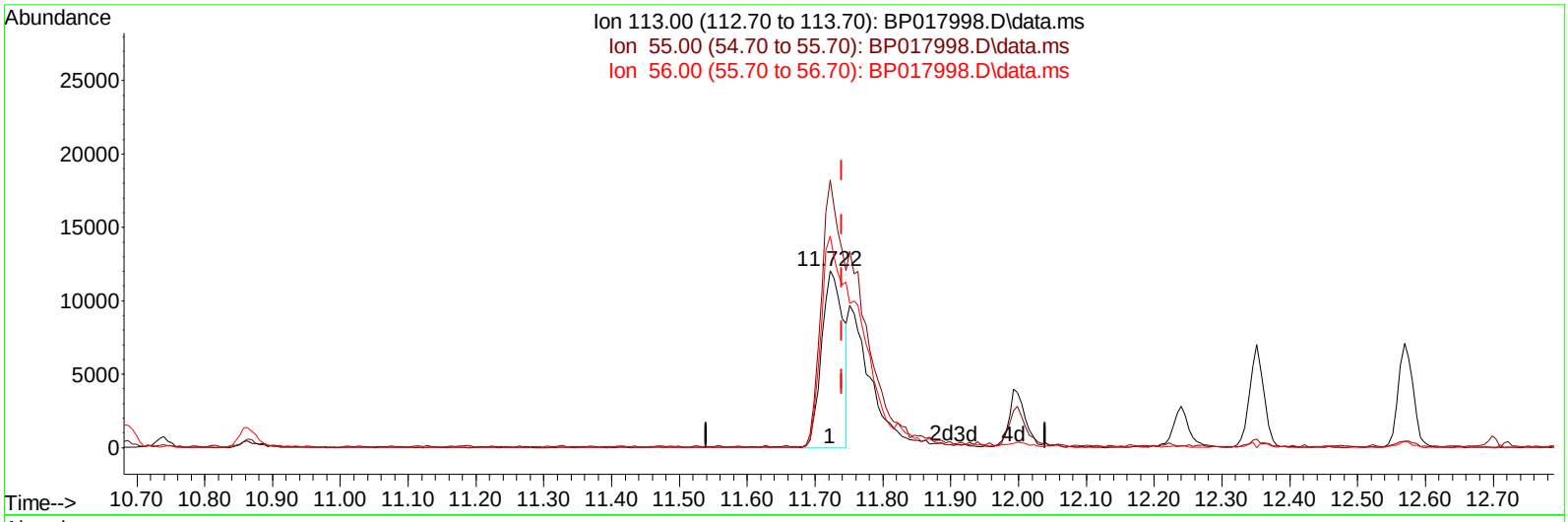

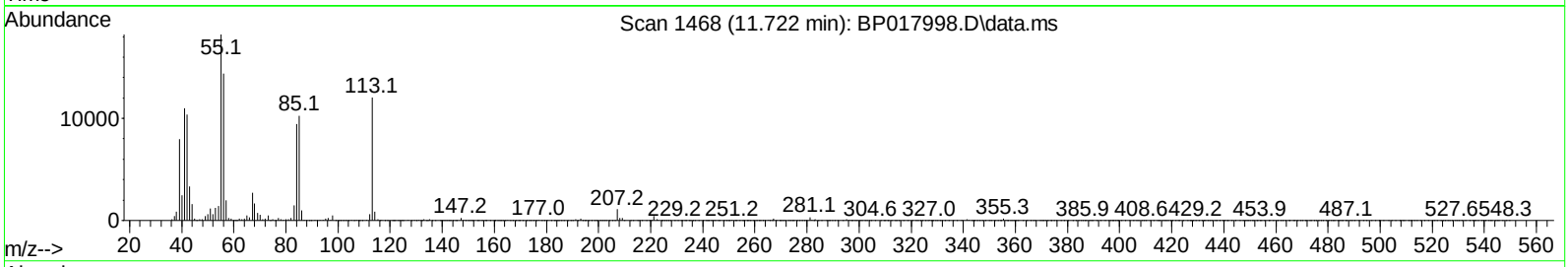

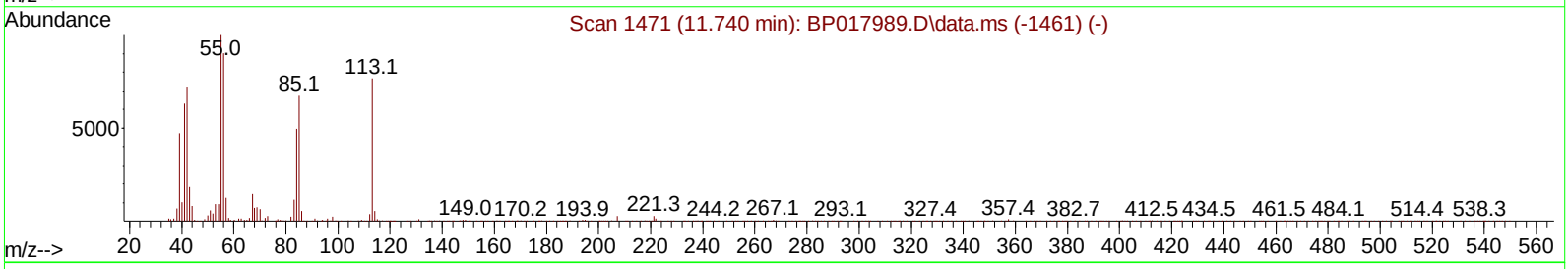

TIC: BP017998.D\data.ms

(34) Caprolactam

11.722min (-0.018) 23.75 ng/ul

response 26589

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	131.60	151.07
56.00	117.70	119.44
0.00	0.00	0.00

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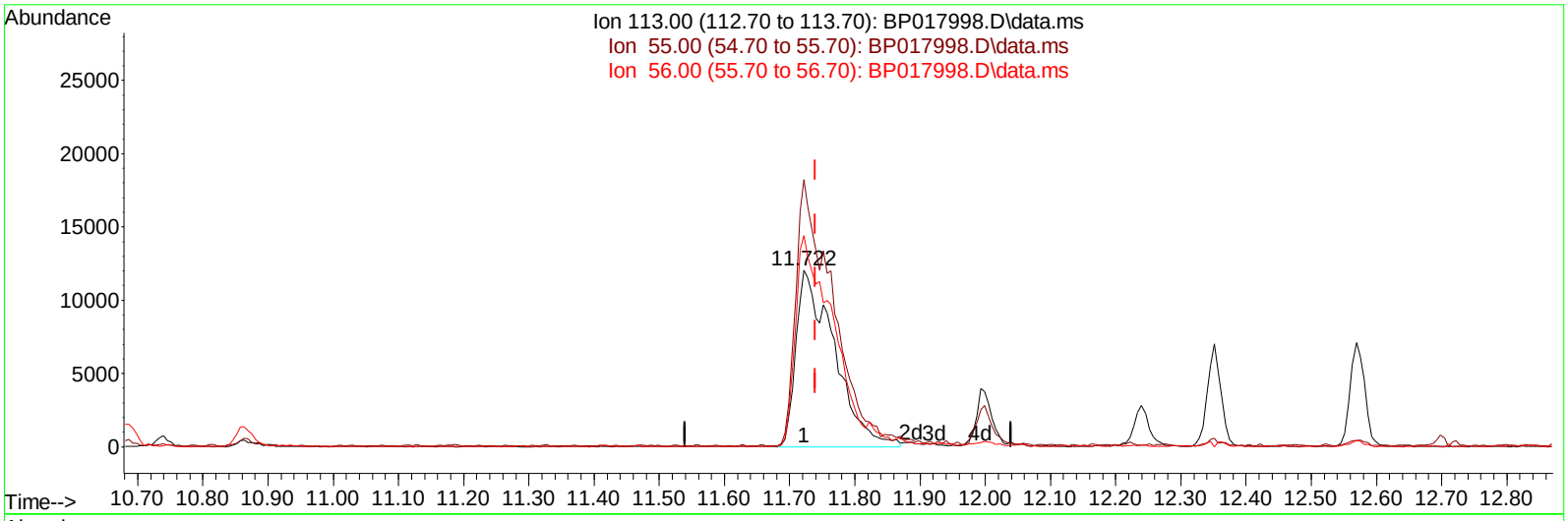

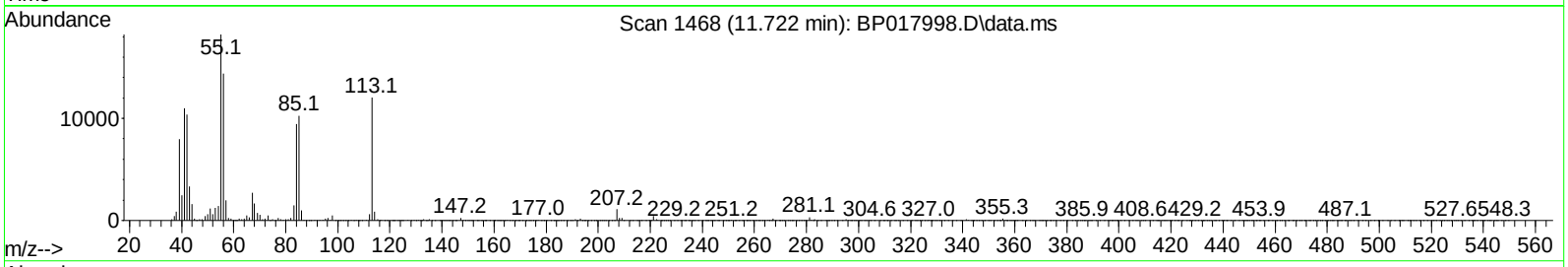

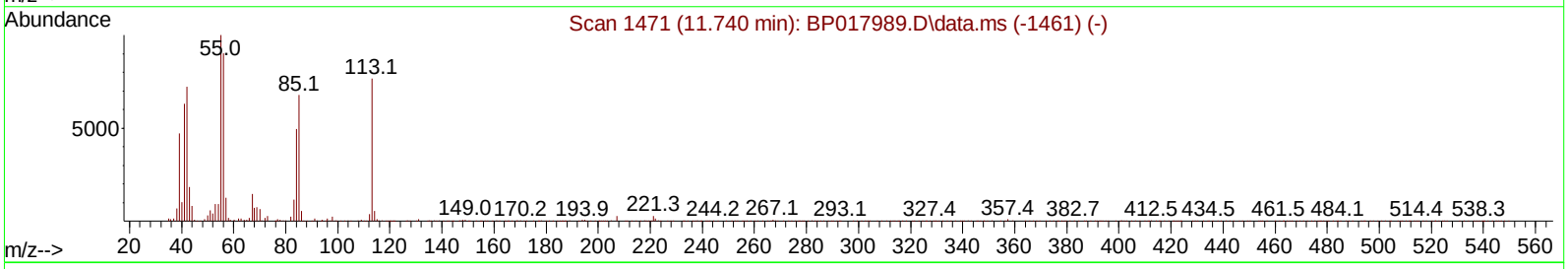

TIC: BP017998.D\data.ms

(34) Caprolactam

11.722min (-0.018) 43.68 ng/ul m

response 48890

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	131.60	151.07
56.00	117.70	119.44
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	7.863	152	48810	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	209172	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	144446	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	338517	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	355429	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	386744	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	9872	6.924	ng/uL	0.00
4) Pyridine-d5	3.675	84	122888	33.161	ng/ul	0.00
7) Phenol-d5	7.028	99	165282	36.033	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	96996	34.909	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	127922	34.855	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	134213	36.480	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	63614	33.961	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	73357	35.188	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	134310	35.963	ng/ul	0.00
31) 4-Chloroaniline-d4	10.863	131	161634	31.582	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	455428	34.298	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	491614	34.534	ng/ul	0.00
54) 4-Nitrophenol-d4	14.793	143	74305	38.207	ng/ul	0.00
60) Fluorene-d10	15.540	176	379724	34.502	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	84415	35.713	ng/ul	0.00
73) Anthracene-d10	17.422	188	638060	35.178	ng/ul	0.00
81) Pyrene-d10	19.675	212	791128	34.585	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	813406	36.184	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	22014	13.703	ng/uL	94
5) Pyridine	3.699	79	131210	34.491	ng/ul	94
6) Benzaldehyde	7.034	77	90398	35.804	ng/ul	93
8) Phenol	7.058	94	179976	39.845	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.311	93	136812	38.377	ng/ul	99
12) 2-Chlorophenol	7.416	128	141356	37.864	ng/ul	99
13) 2-Methylphenol	8.316	108	133231	39.356	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.375	45	154347m	37.357	ng/ul	
16) Acetophenone	8.722	105	230814	39.235	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.687	70	123893	38.452	ng/ul	98
18) 4-Methylphenol	8.652	108	143868	39.190	ng/ul	99
19) Hexachloroethane	8.916	117	65041	36.445	ng/ul	98
22) Nitrobenzene	9.116	77	196588	38.572	ng/ul	97
23) Isophorone	9.622	82	343074	38.019	ng/ul	98
25) 2-Nitrophenol	9.816	139	84503	39.419	ng/ul	96
26) 2,4-Dimethylphenol	9.857	107	158863	34.668	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.110	93	190759	37.444	ng/ul	99
29) 2,4-Dichlorophenol	10.340	162	141678	39.563	ng/ul	96
30) Naphthalene	10.740	128	468099	36.908	ng/ul	100
32) 4-Chloroaniline	10.887	127	154180	31.489	ng/ul	95
33) Hexachlorobutadiene	10.957	225	100167	37.648	ng/ul	97
34) Caprolactam	11.722	113	48890m	43.677	ng/ul	
35) 4-Chloro-3-methylphenol	11.999	107	171169	40.143	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.351	142	326305	37.641	ng/ul	93
37) 1-Methylnaphthalene	12.569	142	327829	37.121	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.704	216	177631	36.267	ng/ul	99
40) Hexachlorocyclopentadiene	12.640	237	74841	31.960	ng/ul	97
41) 2,4,6-Trichlorophenol	12.969	196	118597	37.067	ng/ul	95
42) 2,4,5-Trichlorophenol	13.046	196	131273	38.336	ng/ul	98
43) 1,1'-Biphenyl	13.369	154	450096	36.646	ng/ul	98
44) 2-Chloronaphthalene	13.416	162	357731	36.819	ng/ul	99
45) 2-Nitroaniline	13.669	65	128068	41.667	ng/ul	95
47) Dimethylphthalate	14.010	163	501184	37.414	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	102935	40.923	ng/ul	93
50) Acenaphthylene	14.269	152	611971	37.538	ng/ul	99
51) 3-Nitroaniline	14.510	138	93463	39.675	ng/ul	94
52) Acenaphthene	14.604	153	402805	37.183	ng/ul	99
53) 2,4-Dinitrophenol	14.722	184	52788	39.009	ng/ul	96
55) 4-Nitrophenol	14.804	109	110539	41.956	ng/ul	98
56) Dibenzofuran	14.945	168	565997	37.850	ng/ul	99
57) 2,4-Dinitrotoluene	14.957	165	158333	41.155	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.169	232	113058	37.927	ng/ul	98
59) Diethylphthalate	15.363	149	550858	25.553	ng/ul	99
61) Fluorene	15.598	166	485894	38.527	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.587	204	236250	38.161	ng/ul	99
63) 4-Nitroaniline	15.681	138	101338	45.430	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.710	198	98318	39.705	ng/ul#	96
67) N-Nitrosodiphenylamine	15.822	169	408323	37.662	ng/ul	98
68) 4-Bromophenyl-phenylether	16.492	248	142747	38.622	ng/ul	97
69) Hexachlorobenzene	16.575	284	161947	38.652	ng/ul	97
70) Atrazine	16.781	200	115960	30.908	ng/ul	98
71) Pentachlorophenol	16.951	266	92327	35.756	ng/ul	97
72) Phenanthrene	17.363	178	807926	38.343	ng/ul	99
74) Anthracene	17.457	178	822404	38.605	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	179542	35.350	ng/uL	98
76) Pentachlorobenzene	14.834	250	171520	34.367	ng/uL	96
77) Carbazole	17.751	167	757986	41.205	ng/ul	99
78) Di-n-butylphthalate	18.257	149	958213	38.731	ng/ul	100
80) Fluoranthene	19.339	202	1002310	37.857	ng/ul	99
82) Pyrene	19.704	202	1066717	38.121	ng/ul	98
83) Butylbenzylphthalate	20.569	149	478343	39.475	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.375	252	321426	38.164	ng/ul	99
85) Benzo(a)anthracene	21.427	228	1104787	38.664	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.310	149	671877	39.542	ng/ul	100
87) Chrysene	21.486	228	1034270	38.429	ng/ul	100
89) Di-n-octyl phthalate	22.274	149	1185640	40.389	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	1096969	39.466	ng/ul	99
91) Benzo(k)fluoranthene	23.233	252	1087381	39.196	ng/ul	99
93) Benzo(a)pyrene	23.845	252	1036658	39.567	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.627	276	1223613	39.404	ng/ul	98
95) Dibenzo(a,h)anthracene	26.657	278	1019014	39.692	ng/ul	98
96) Benzo(g,h,i)perylene	27.457	276	987002	39.829	ng/ul	100

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

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