Quantitation Report (Qedit)

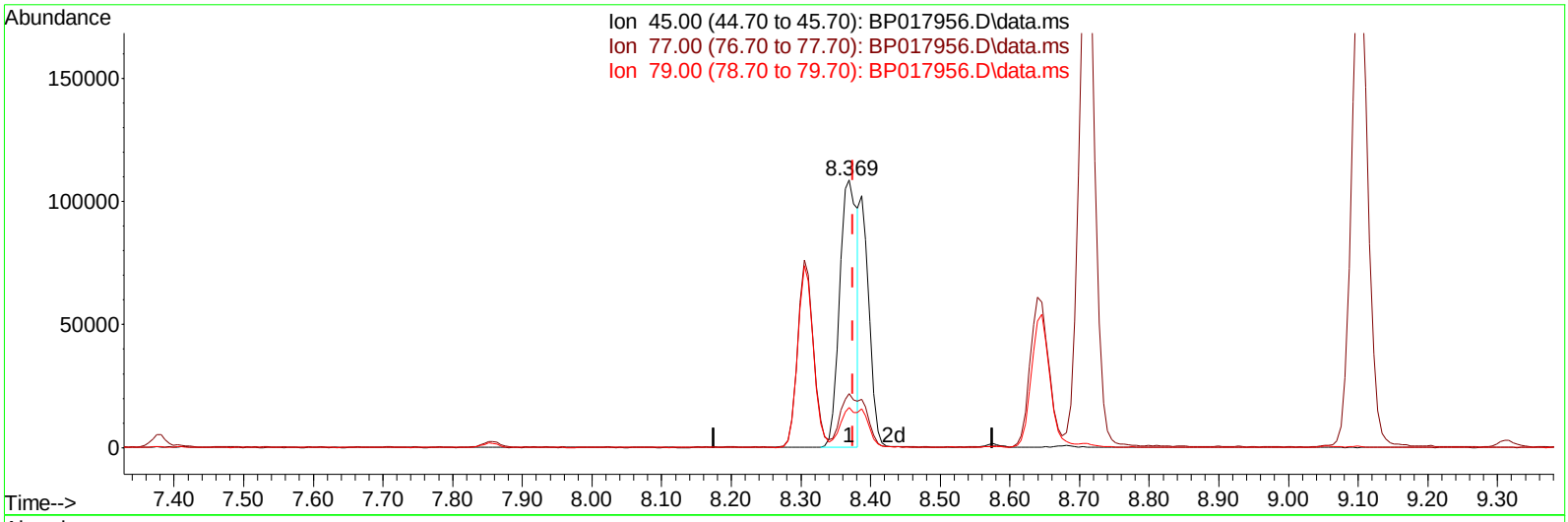
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017956.D
Acq On : 08 Nov 2023 09:33
Operator : MA/JU
Sample : PB156700BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

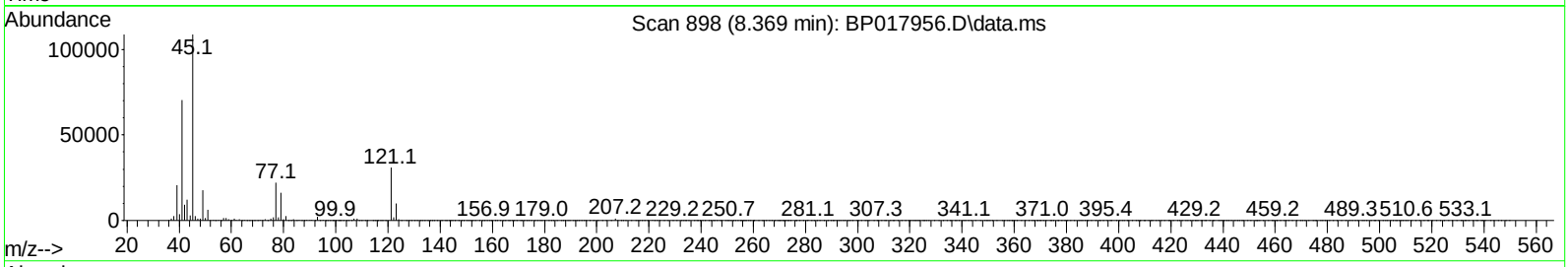
Quant Time: Nov 08 21:41:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 03:40:56 2023
Response via : Initial Calibration

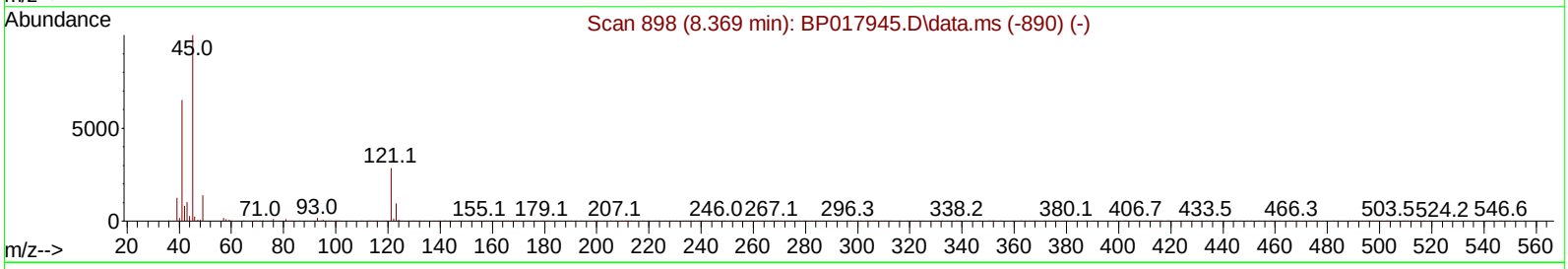
Instrument :
BNA_P
ClientSampleId :
SLCS700

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023







TIC: BP017956.D\data.ms

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

8.369min (-0.006) 26.13 ng/ul

response 191589

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.50	20.26
79.00	14.00	15.04
0.00	0.00	0.00

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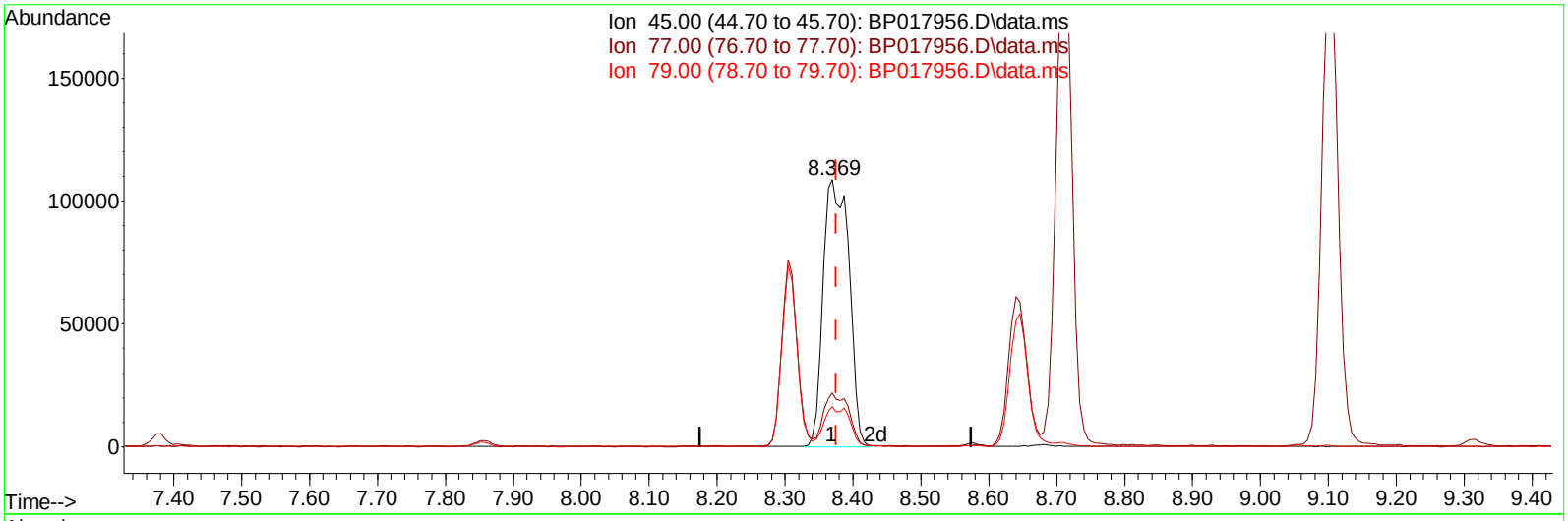

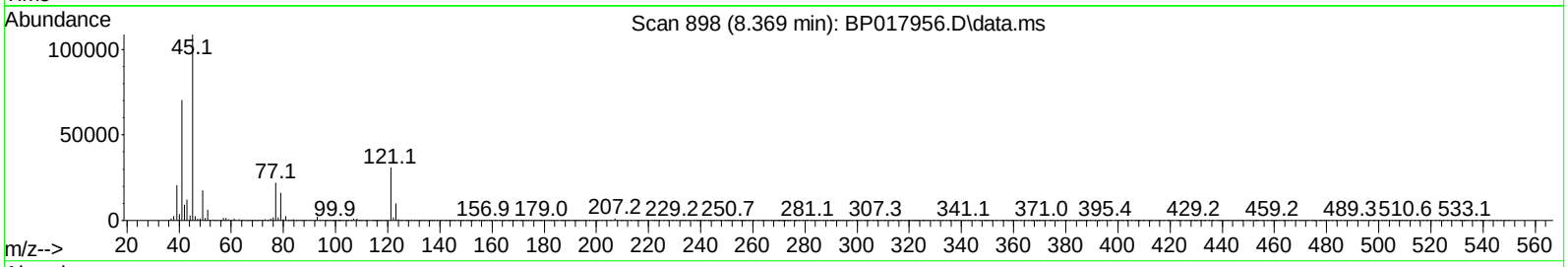

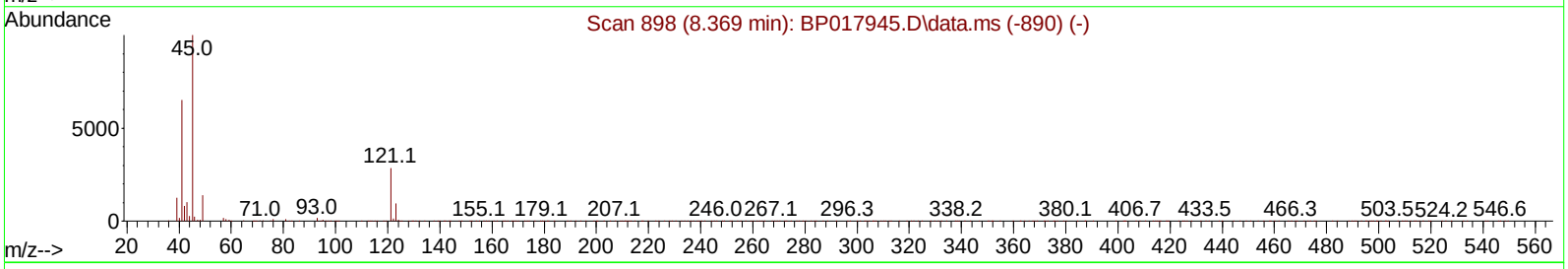

TIC: BP017956.D\data.ms

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

8.369min (-0.006) 39.19 ng/ul m

response 287347

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.50	20.26
79.00	14.00	15.04
0.00	0.00	0.00

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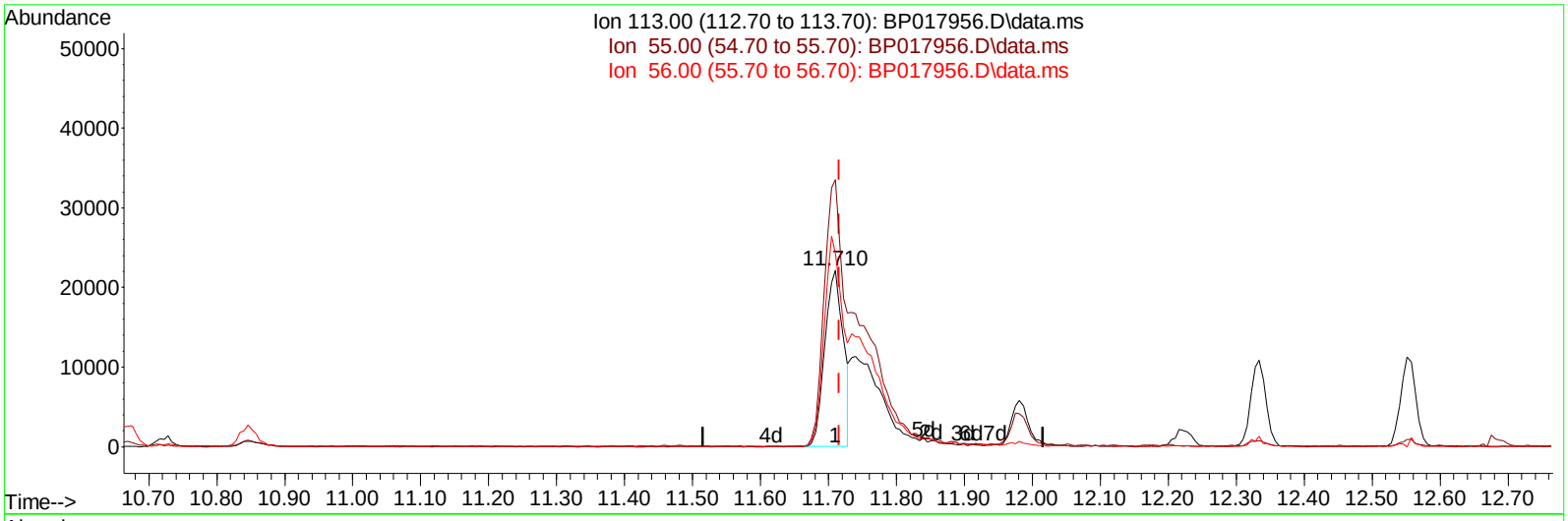

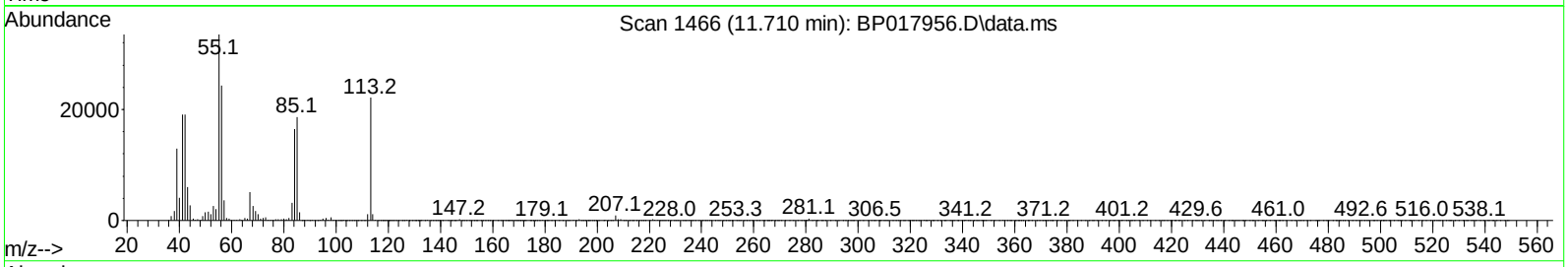

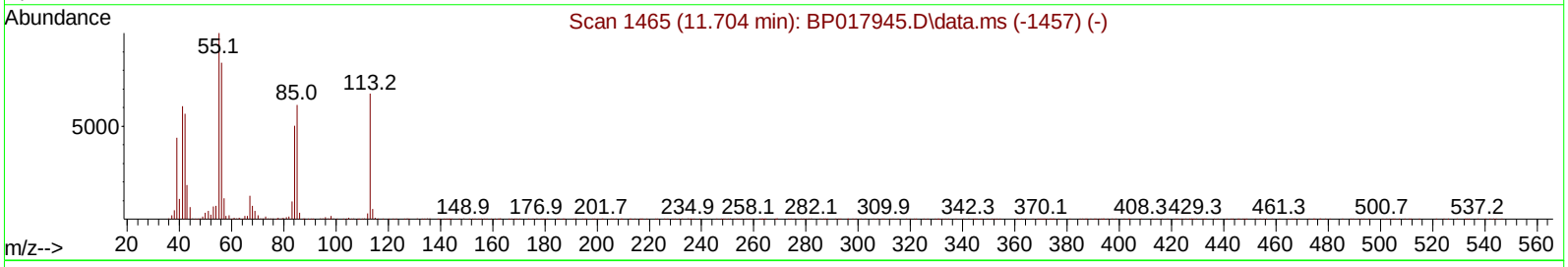

TIC: BP017956.D\data.ms

(34) Caprolactam

11.710min (-0.006) 21.70 ng/ul

response 42143

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.60	151.39
56.00	114.60	109.87
0.00	0.00	0.00

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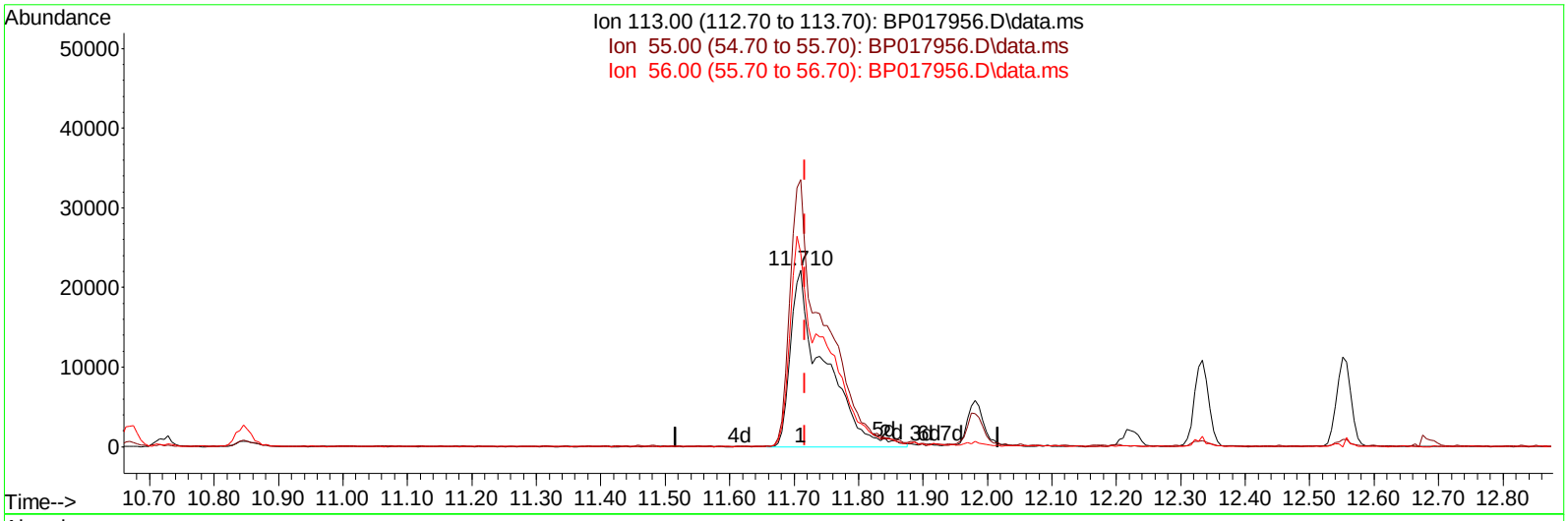

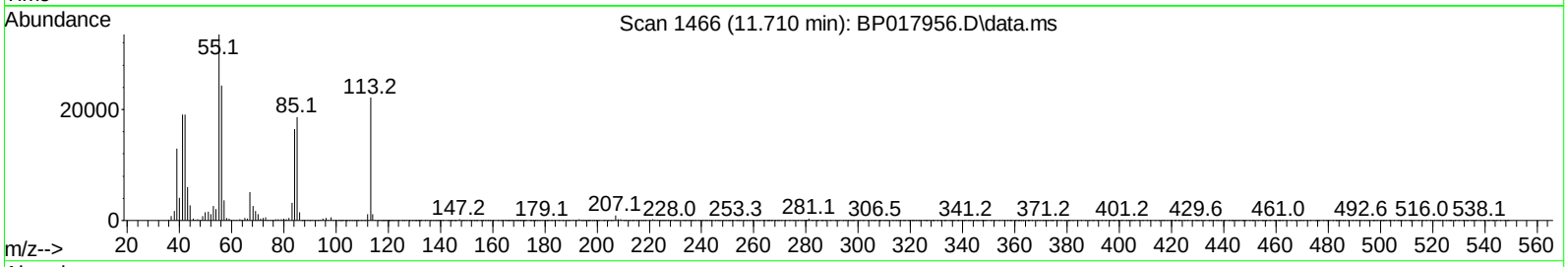

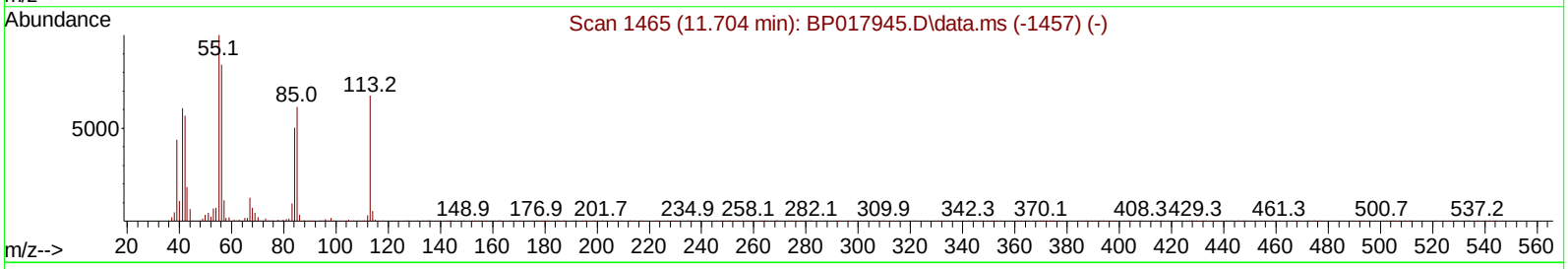

TIC: BP017956.D\data.ms

(34) Caprolactam

11.710min (-0.006) 41.31 ng/ul m

response 80221

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.60	151.39
56.00	114.60	109.87
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	7.858	152	86208	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	373424	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.516	164	239836	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	525501	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	482224	20.000	ng/ul	0.00
88) Perylene-d12	23.892	264	498200	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	14853	6.594	ng/uL	0.00
4) Pyridine-d5	3.676	84	210362	33.651	ng/ul	0.00
7) Phenol-d5	7.022	99	279895	34.622	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	170025	34.865	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	218190	35.124	ng/ul	-0.01
15) 4-Methylphenol-d8	8.581	113	228608	34.213	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	111657	37.416	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	130209	37.883	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	235025	37.299	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	291455	31.919	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	738750	35.128	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	815433	35.337	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	118146	36.539	ng/ul	0.00
60) Fluorene-d10	15.516	176	614964	34.937	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	129632	33.732	ng/ul	0.00
73) Anthracene-d10	17.392	188	931161	34.080	ng/ul	0.00
81) Pyrene-d10	19.645	212	1113796	36.385	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	1031328	37.049	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	33889	13.779	ng/uL	96
5) Pyridine	3.693	79	213992	32.925	ng/ul	96
6) Benzaldehyde	7.022	77	163849	36.440	ng/ul	97
8) Phenol	7.052	94	306618	38.555	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.299	93	235968	37.048	ng/ul	94
12) 2-Chlorophenol	7.411	128	243649	39.496	ng/ul	97
13) 2-Methylphenol	8.305	108	230113	37.638	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.369	45	287347m	39.187	ng/ul	
16) Acetophenone	8.711	105	396605	36.986	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.681	70	214766	38.270	ng/ul	98
18) 4-Methylphenol	8.646	108	251249	38.201	ng/ul	99
19) Hexachloroethane	8.905	117	112104	36.378	ng/ul	96
22) Nitrobenzene	9.099	77	330997	40.669	ng/ul	99
23) Isophorone	9.610	82	604598	40.849	ng/ul	98
25) 2-Nitrophenol	9.805	139	147150	41.369	ng/ul	99
26) 2,4-Dimethylphenol	9.846	107	241408	32.135	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.099	93	335946	41.263	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	241449	39.622	ng/ul	94
30) Naphthalene	10.722	128	803320	37.065	ng/ul	99
32) 4-Chloroaniline	10.869	127	276421	31.521	ng/ul	97
33) Hexachlorobutadiene	10.940	225	168402	33.214	ng/ul	97
34) Caprolactam	11.710	113	80221m	41.307	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	289259	41.003	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.334	142	562148	38.013	ng/ul	99
37) 1-Methylnaphthalene	12.552	142	559868	36.646	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.687	216	298674	35.952	ng/ul	99
40) Hexachlorocyclopentadiene	12.622	237	130813	29.568	ng/ul	96
41) 2,4,6-Trichlorophenol	12.951	196	202037	38.469	ng/ul	97
42) 2,4,5-Trichlorophenol	13.022	196	221323	40.923	ng/ul	96
43) 1,1'-Biphenyl	13.351	154	752706	38.485	ng/ul	99
44) 2-Chloronaphthalene	13.399	162	597529	38.349	ng/ul	98
45) 2-Nitroaniline	13.651	65	209043	44.807	ng/ul	95
47) Dimethylphthalate	13.987	163	806627	38.893	ng/ul	100
48) 2,6-Dinitrotoluene	14.140	165	167202	40.619	ng/ul	97
50) Acenaphthylene	14.246	152	1002902	38.830	ng/ul	99
51) 3-Nitroaniline	14.481	138	155846	40.192	ng/ul	95
52) Acenaphthene	14.581	153	658185	38.451	ng/ul	99
53) 2,4-Dinitrophenol	14.693	184	84732	34.971	ng/ul#	83
55) 4-Nitrophenol	14.781	109	167353	39.893	ng/ul	96
56) Dibenzofuran	14.922	168	904707	38.261	ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	250498	40.721	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.145	232	184604	36.629	ng/ul	92
59) Diethylphthalate	15.345	149	846007	39.150	ng/ul	98
61) Fluorene	15.575	166	756539	37.788	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.563	204	378458	36.527	ng/ul	96
63) 4-Nitroaniline	15.657	138	160017	43.621	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.681	198	148868	37.081	ng/ul#	90
67) N-Nitrosodiphenylamine	15.798	169	637275	39.402	ng/ul	98
68) 4-Bromophenyl-phenylether	16.469	248	226225	36.559	ng/ul	93
69) Hexachlorobenzene	16.551	284	248222	34.948	ng/ul#	90
70) Atrazine	16.751	200	200135	32.399	ng/ul	96
71) Pentachlorophenol	16.922	266	148404	34.398	ng/ul	97
72) Phenanthrene	17.334	178	1208828	39.122	ng/ul	99
74) Anthracene	17.428	178	1197706	38.133	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	301461	36.604	ng/uL	98
76) Pentachlorobenzene	14.810	250	273393	33.266	ng/uL	97
77) Carbazole	17.722	167	1090900	38.951	ng/ul	99
78) Di-n-butylphthalate	18.228	149	1448091	41.553	ng/ul	99
80) Fluoranthene	19.310	202	1437499	40.238	ng/ul	98
82) Pyrene	19.669	202	1480850	39.741	ng/ul	98
83) Butylbenzylphthalate	20.533	149	692533	42.243	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.339	252	441108	36.593	ng/ul	99
85) Benzo(a)anthracene	21.392	228	1459734	39.307	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.275	149	985194	41.500	ng/ul	100
87) Chrysene	21.451	228	1365590	39.654	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	1672435	39.748	ng/ul	100
90) Benzo(b)fluoranthene	23.122	252	1390353	40.434	ng/ul	98
91) Benzo(k)fluoranthene	23.174	252	1387356	40.234	ng/ul	99
93) Benzo(a)pyrene	23.786	252	1311616	41.032	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.527	276	1532719	40.258	ng/ul	99
95) Dibenzo(a,h)anthracene	26.545	278	1280794	40.440	ng/ul	99
96) Benzo(g,h,i)perylene	27.351	276	1217491	40.168	ng/ul	99

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

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