```
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072622\
Data File : BM035942.D
Acq On    : 27 Jul 2022  00:59
Operator  : CG/JU
Sample    : PB146365BS
Misc      :
ALS Vial  : 26   Sample Multiplier: 1

Quant Time: Jul 27 02:50:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title  : SVOA CALIBRATION
QLast Update : Wed Jul 27 02:50:34 2022
Response via : Initial Calibration
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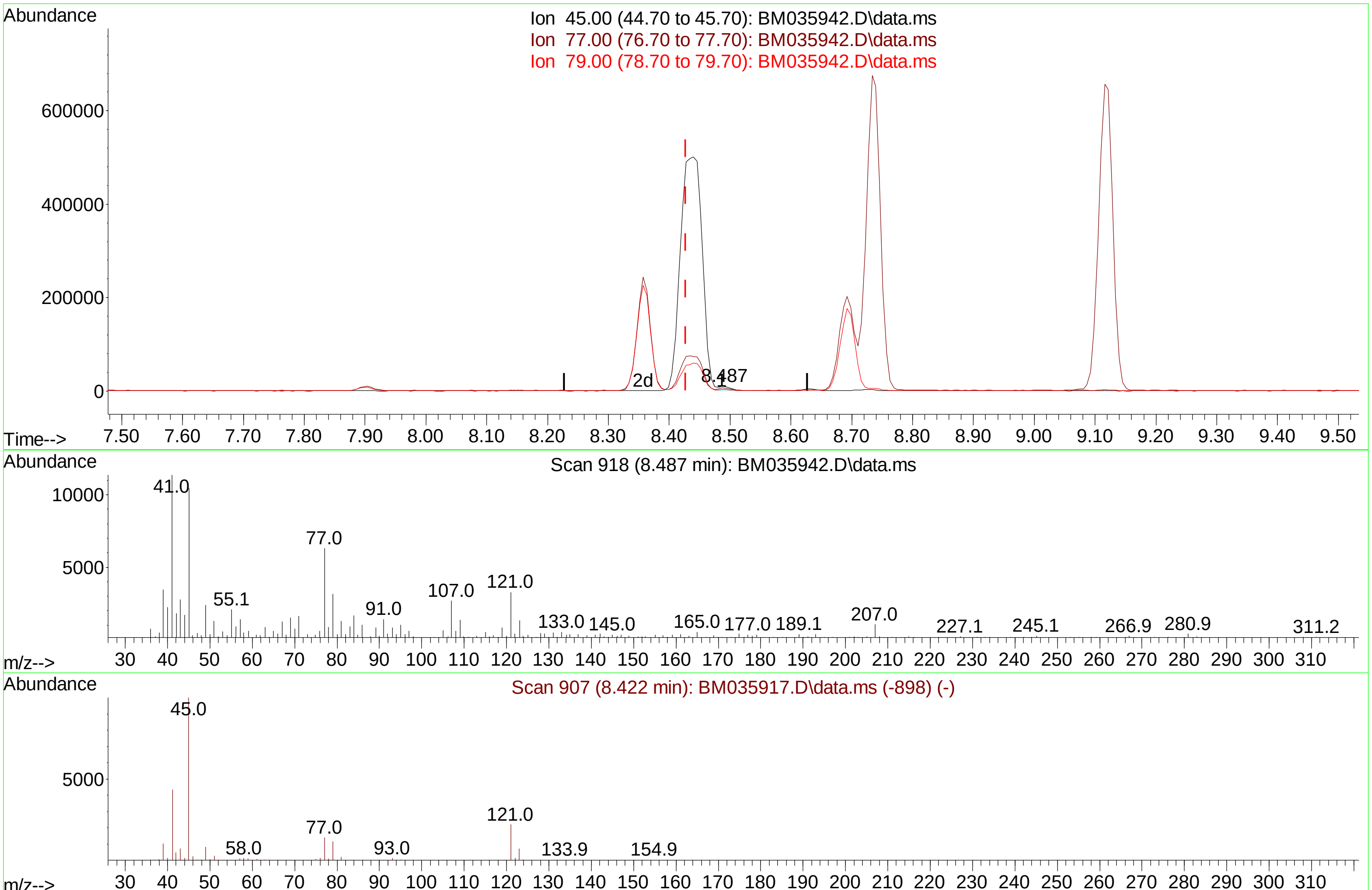
Instrument :
BNA_M
ClientSampleId :
SLCS365

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/27/2022
Supervised By :mohammad ahmed 07/27/2022



TIC: BM035942.D\data.ms

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

8.487min (+ 0.059) 0.25 ng/ul

response 11017

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.20	60.20#
79.00	10.40	30.29#
0.00	0.00	0.00

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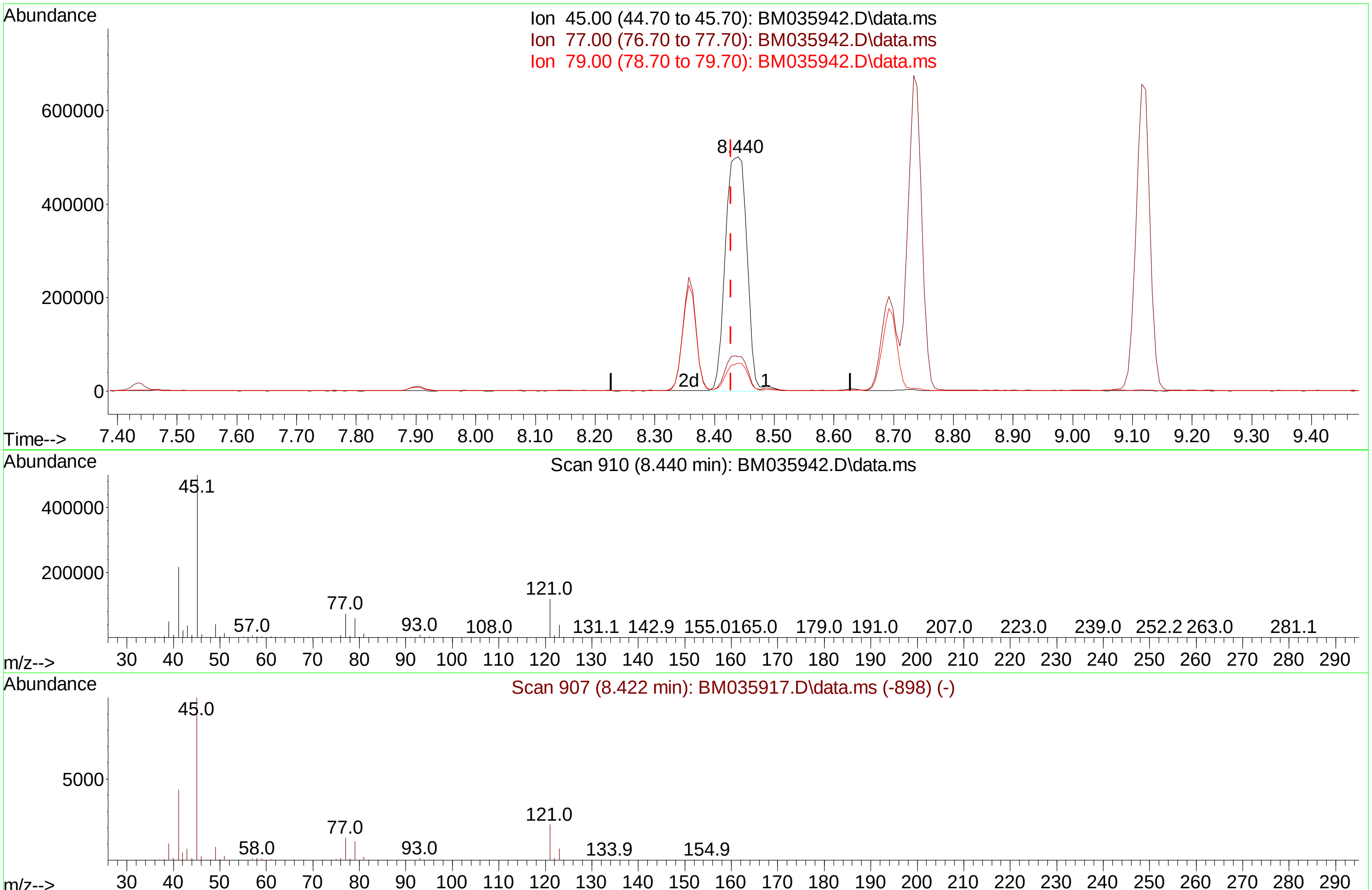

TIC: BM035942.D\data.ms

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

8.440min (+ 0.012) 28.09 ng/ul m

response 1249229

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.20	14.73
79.00	10.40	11.85
0.00	0.00	0.00

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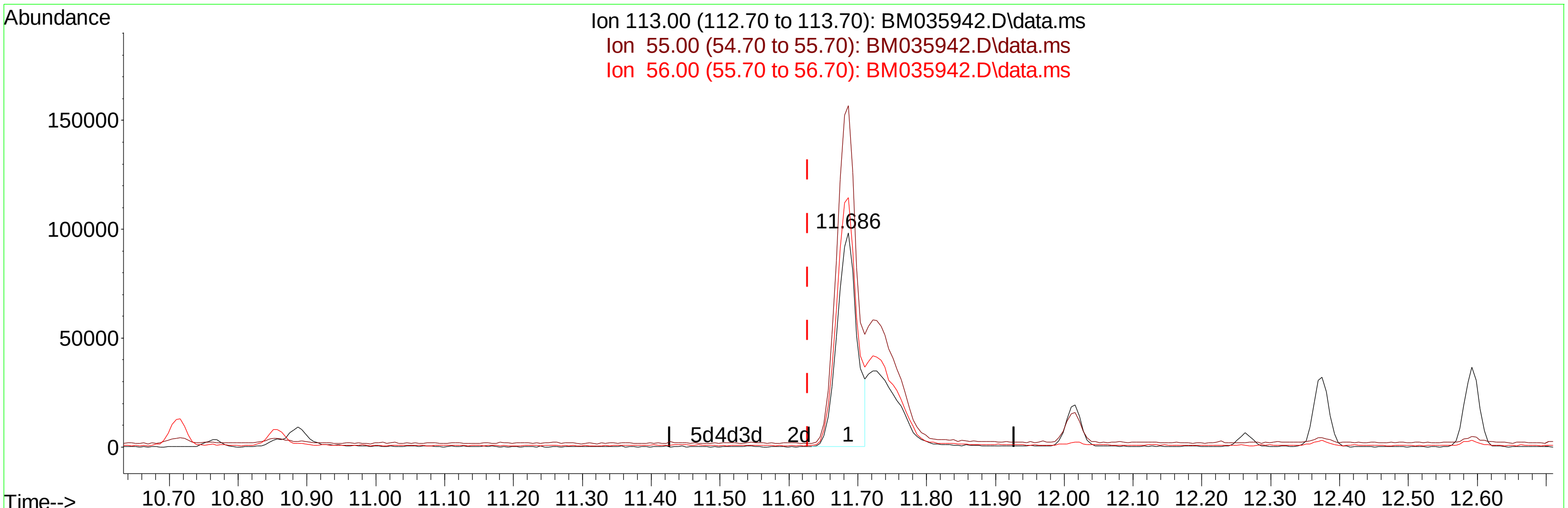

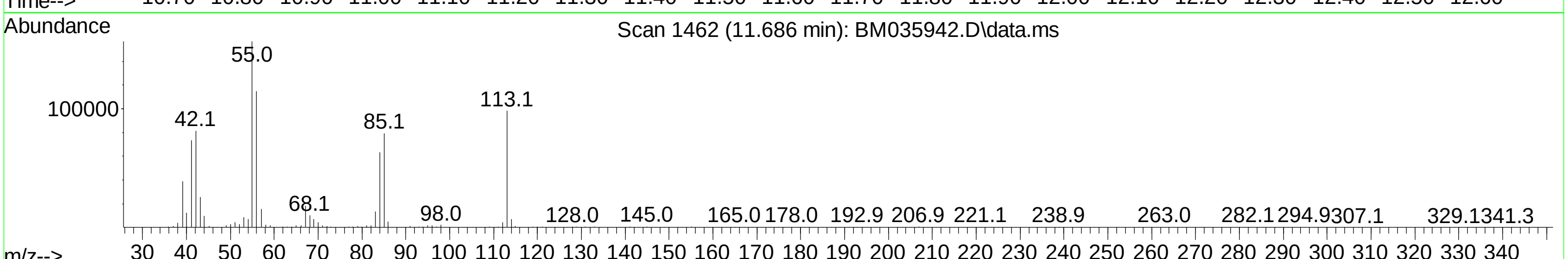

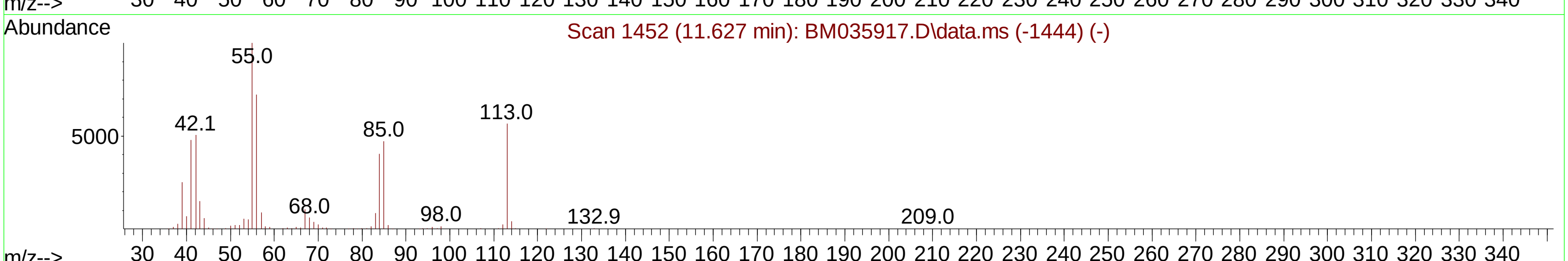

TIC: BM035942.D\data.ms

(34) Caprolactam

11.686min (+ 0.059) 20.32 ng/ul

response 197259

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	159.44
56.00	127.60	116.54
0.00	0.00	0.00

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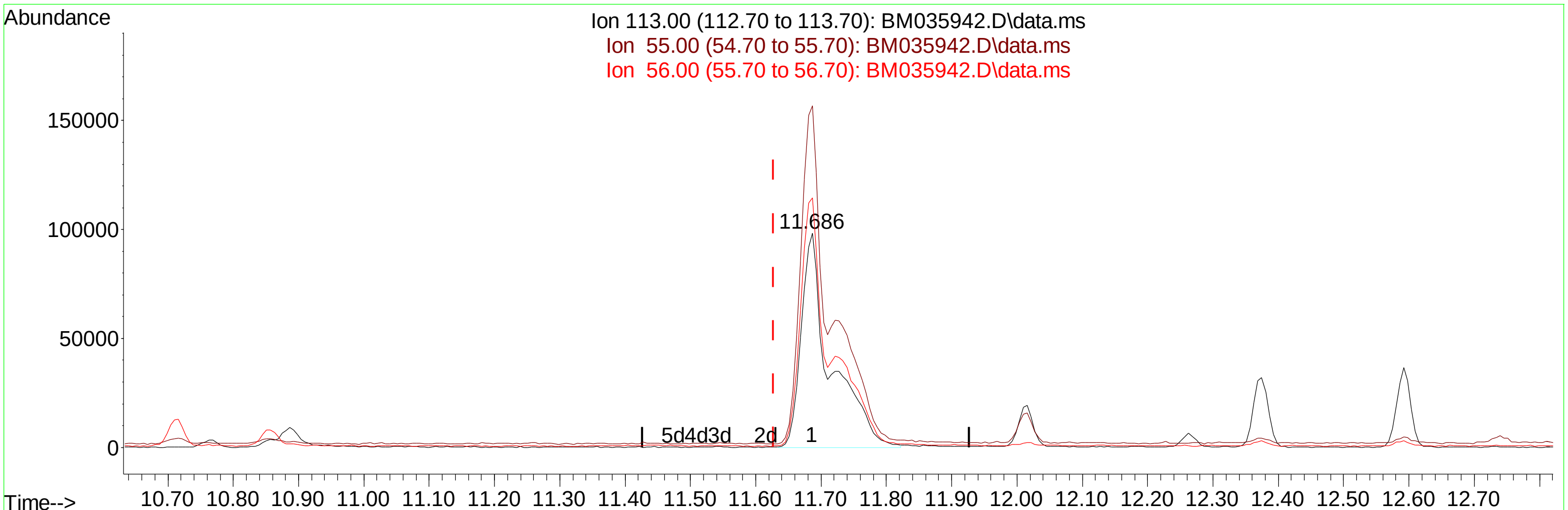

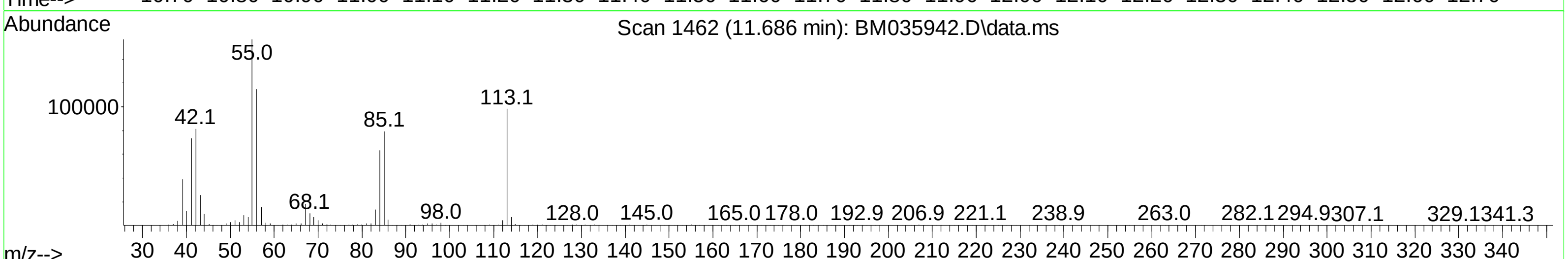

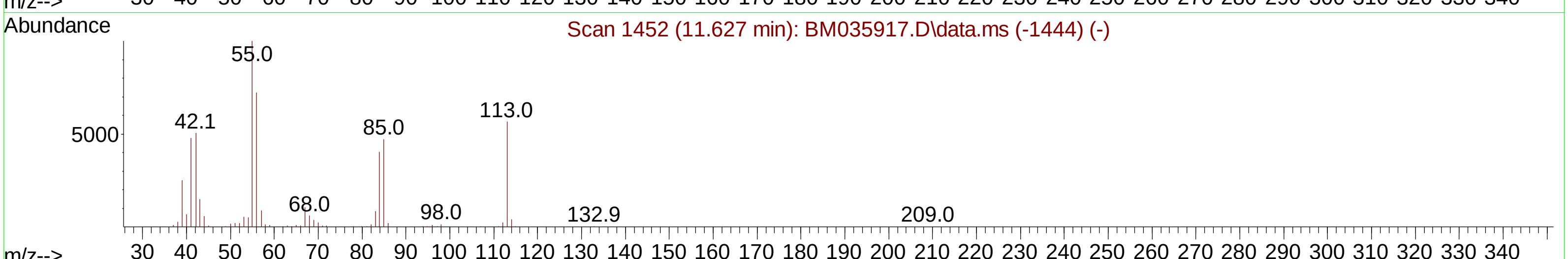

TIC: BM035942.D\data.ms

(34) Caprolactam

11.686min (+ 0.059) 31.58 ng/ul m

response 306640

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	159.44
56.00	127.60	116.54
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	7.904	152	456732	20.000	ng/ul	0.02
20) Naphthalene-d8	10.716	136	2027009	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.545	164	1200342	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.286	188	2111558	20.000	ng/ul	0.02
79) Chrysene-d12	21.462	240	1499941	20.000	ng/ul	0.02
88) Perylene-d12	23.850	264	1470732	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	61341	5.054	ng/uL	0.00
4) Pyridine-d5	3.705	84	883441	26.568	ng/ul	0.00
7) Phenol-d5	7.081	99	1235994	32.270	ng/ul	0.04
9) Bis-(2-Chloroethyl)eth...	7.234	67	735799	28.817	ng/ul	0.02
11) 2-Chlorophenol-d4	7.434	132	1074142	33.787	ng/ul	0.02
15) 4-Methylphenol-d8	8.628	113	1000358	32.240	ng/ul	0.03
21) Nitrobenzene-d5	9.075	128	538858	33.548	ng/ul	0.02
24) 2-Nitrophenol-d4	9.798	143	548186	35.030	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.339	165	997881	35.257	ng/ul	0.03
31) 4-Chloroaniline-d4	10.857	131	1417737	29.589	ng/ul	0.02
46) Dimethylphthalate-d6	13.957	166	2778532	33.982	ng/ul	0.02
49) Acenaphthylene-d8	14.239	160	3691993	35.390	ng/ul	0.02
54) 4-Nitrophenol-d4	14.763	143	531332	31.645	ng/ul	0.04
60) Fluorene-d10	15.533	176	2452053	33.187	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.674	200	112776	9.936	ng/ul	0.05
73) Anthracene-d10	17.386	188	3239015	33.929	ng/ul	0.03
81) Pyrene-d10	19.674	212	3020585	36.336	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.697	264	2550135	34.153	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	117632	9.352	ng/uL	96
5) Pyridine	3.728	79	861185	24.680	ng/ul	89
6) Benzaldehyde	7.040	77	782905	48.702	ng/ul	97
8) Phenol	7.104	94	1203076	28.703	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.328	93	941878	27.951	ng/ul	95
12) 2-Chlorophenol	7.469	128	1012598	31.049	ng/ul	97
13) 2-Methylphenol	8.357	108	932167	29.770	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.440	45	1249229m	28.086	ng/ul	
16) Acetophenone	8.734	105	1451298	29.132	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.728	70	724922	29.180	ng/ul	94
18) 4-Methylphenol	8.693	108	989898	29.469	ng/ul	97
19) Hexachloroethane	8.981	117	337253	25.063	ng/ul	96
22) Nitrobenzene	9.116	77	1068039	29.057	ng/ul	98
23) Isophorone	9.651	82	2067252	29.794	ng/ul	99
25) 2-Nitrophenol	9.828	139	540388	31.126	ng/ul	97
26) 2,4-Dimethylphenol	9.892	107	1003544	28.288	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.128	93	1263860	28.882	ng/ul	99
29) 2,4-Dichlorophenol	10.369	162	936690	31.886	ng/ul	99
30) Naphthalene	10.763	128	3246911	30.348	ng/ul	100
32) 4-Chloroaniline	10.881	127	1329345	27.930	ng/ul	98
33) Hexachlorobutadiene	11.039	225	593303	32.715	ng/ul	99
34) Caprolactam	11.686	113	306640m	31.584	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	977214	31.991	ng/ul	93

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.375	142	2185077	31.216 ng/ul	100
37) 1-Methylnaphthalene	12.592	142	2200768	31.191 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.739	216	1101658	32.242 ng/ul	100
40) Hexachlorocyclopentadiene	12.710	237	116499	5.119 ng/ul	98
41) 2,4,6-Trichlorophenol	12.986	196	741750	33.923 ng/ul	99
42) 2,4,5-Trichlorophenol	13.063	196	787961	33.772 ng/ul	99
43) 1,1'-Biphenyl	13.380	154	2838896	30.727 ng/ul	99
44) 2-Chloronaphthalene	13.428	162	2222285	31.342 ng/ul	98
45) 2-Nitroaniline	13.633	65	624369	31.941 ng/ul	96
47) Dimethylphthalate	14.004	163	2592598	31.523 ng/ul	99
48) 2,6-Dinitrotoluene	14.133	165	548416	33.586 ng/ul	99
50) Acenaphthylene	14.269	152	3553198	30.789 ng/ul	100
51) 3-Nitroaniline	14.457	138	646822	35.843 ng/ul	94
52) Acenaphthene	14.610	153	2292115	30.615 ng/ul	99
53) 2,4-Dinitrophenol	14.680	184	65200	7.033 ng/ul	93
55) 4-Nitrophenol	14.780	109	375094	29.209 ng/ul	84
56) Dibenzofuran	14.945	168	3158835	30.493 ng/ul	99
57) 2,4-Dinitrotoluene	14.922	165	733916	31.886 ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.174	232	613242	33.453 ng/ul	98
59) Diethylphthalate	15.363	149	2646140	31.808 ng/ul	99
61) Fluorene	15.592	166	2542592	30.046 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.580	204	1244534	30.695 ng/ul	98
63) 4-Nitroaniline	15.621	138	641979	38.642 ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.686	198	102901	9.060 ng/ul	96
67) N-Nitrosodiphenylamine	15.798	169	2165217	34.879 ng/ul	99
68) 4-Bromophenyl-phenylether	16.474	248	752333	36.343 ng/ul	98
69) Hexachlorobenzene	16.592	284	851874	33.774 ng/ul	98
70) Atrazine	16.751	200	675263	31.362 ng/ul	99
71) Pentachlorophenol	16.939	266	474848	30.817 ng/ul	100
72) Phenanthrene	17.327	178	3522991	31.129 ng/ul	98
74) Anthracene	17.421	178	3536056	31.138 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.345	216	1111645	33.854 ng/uL	98
76) Pentachlorobenzene	14.863	250	1068555	35.899 ng/uL	100
77) Carbazole	17.692	167	3200080	30.510 ng/ul	99
78) Di-n-butylphthalate	18.251	149	4172976	35.263 ng/ul	99
80) Fluoranthene	19.339	202	3469002	34.927 ng/ul	96
82) Pyrene	19.704	202	3420673	33.414 ng/ul#	94
83) Butylbenzylphthalate	20.598	149	1451474	38.983 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.374	252	1104867	39.917 ng/ul	98
85) Benzo(a)anthracene	21.445	228	2999366	31.770 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.368	149	1992809	37.041 ng/ul#	97
87) Chrysene	21.498	228	2866297	31.116 ng/ul	97
89) Di-n-octyl phthalate	22.292	149	3135887	33.018 ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	2941406	29.967 ng/ul	96
91) Benzo(k)fluoranthene	23.168	252	2851775	30.618 ng/ul	96
93) Benzo(a)pyrene	23.750	252	2881437	30.821 ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.356	276	3331960	33.436 ng/ul#	91
95) Dibenzo(a,h)anthracene	26.368	278	2858477	33.435 ng/ul	95
96) Benzo(g,h,i)perylene	27.121	276	2834903	34.329 ng/ul	92

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

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Quantitation Report (QT Reviewed)

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