Quantitation Report (Qedit)

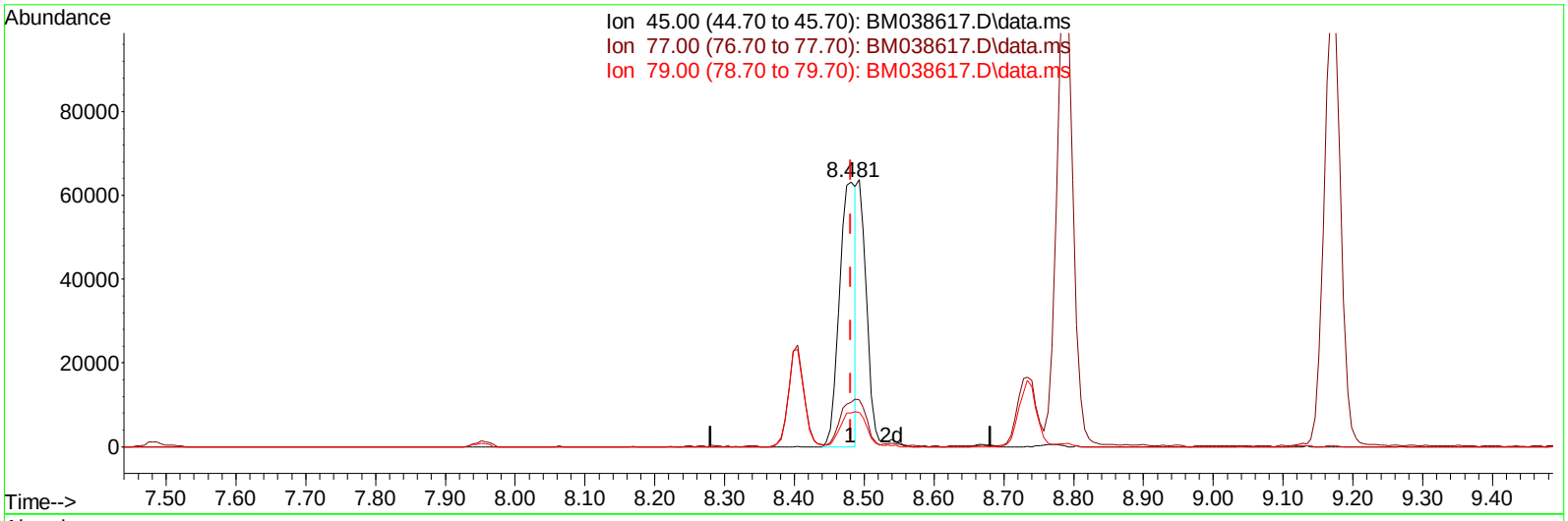
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
Data File : BM038617.D
Acq On : 31 Jan 2023 13:36
Operator : CG/JU
Sample : 01311-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

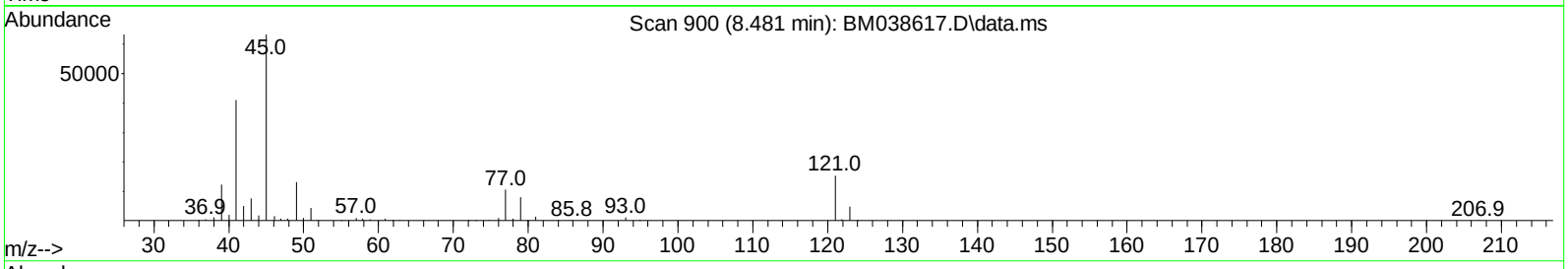
Quant Time: Feb 01 00:02:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 31 01:02:54 2023
Response via : Initial Calibration

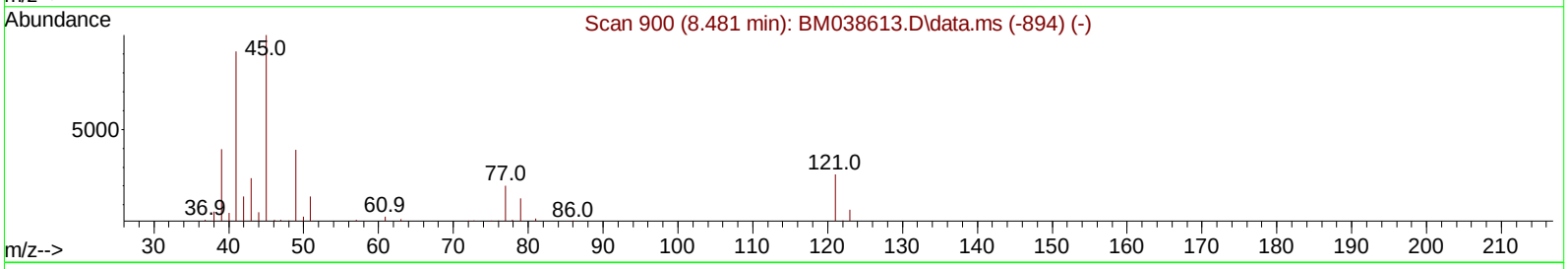
Instrument :
BNA_M
ClientSampleId :
GBQM3MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/01/2023
Supervised By :mohammad ahmed 02/01/2023







TIC: BM038617.D\data.ms

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

8.481min (+ 0.000) 63.73 ng/ul

response 103015

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	21.10	16.74#
79.00	14.70	12.78
0.00	0.00	0.00

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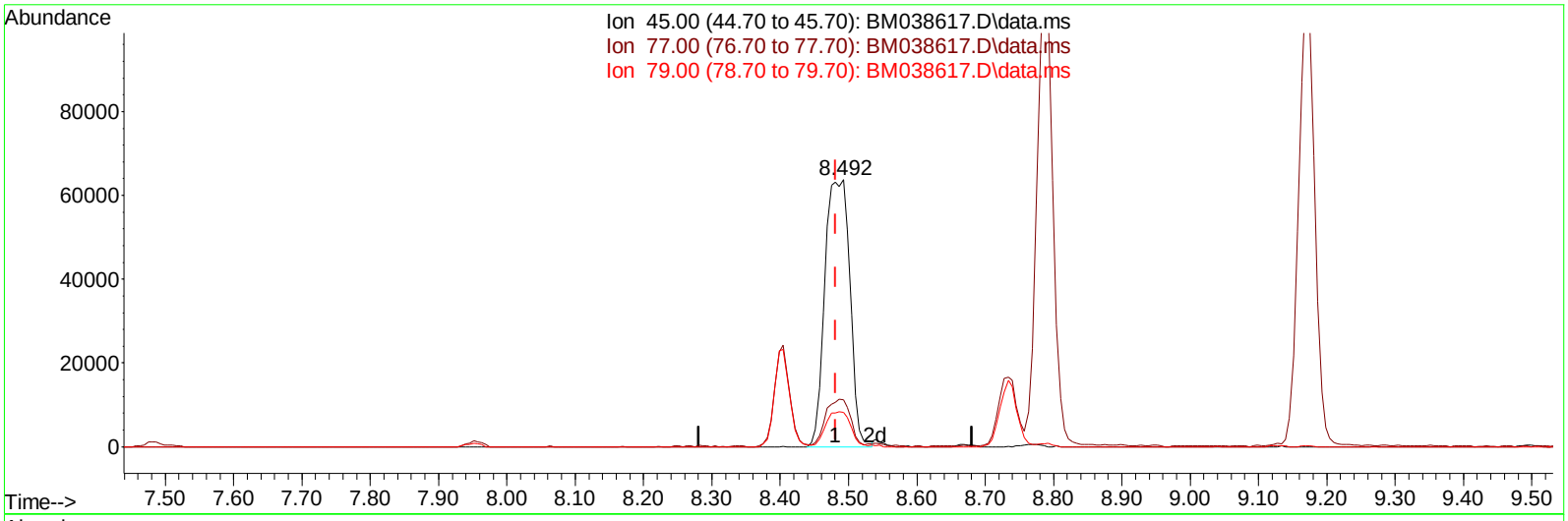

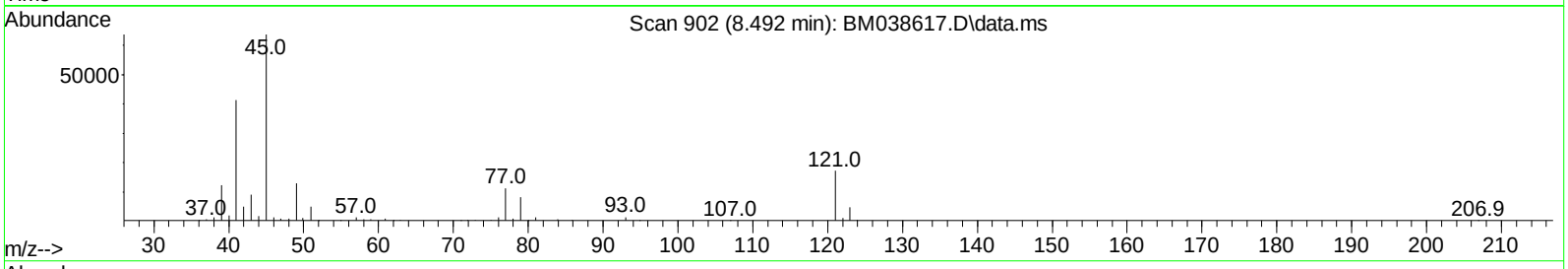

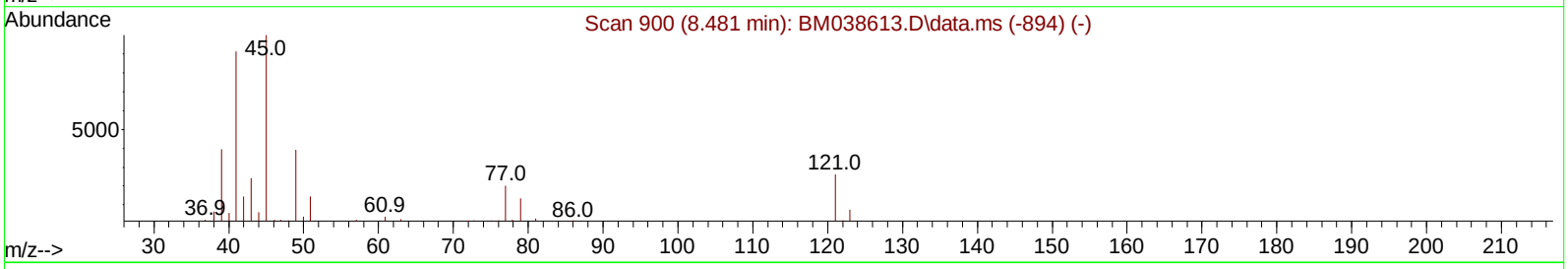

TIC: BM038617.D\data.ms

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

8.492min (+ 0.012) 100.28 ng/ul m

response 162096

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	21.10	17.70
79.00	14.70	12.76
0.00	0.00	0.00

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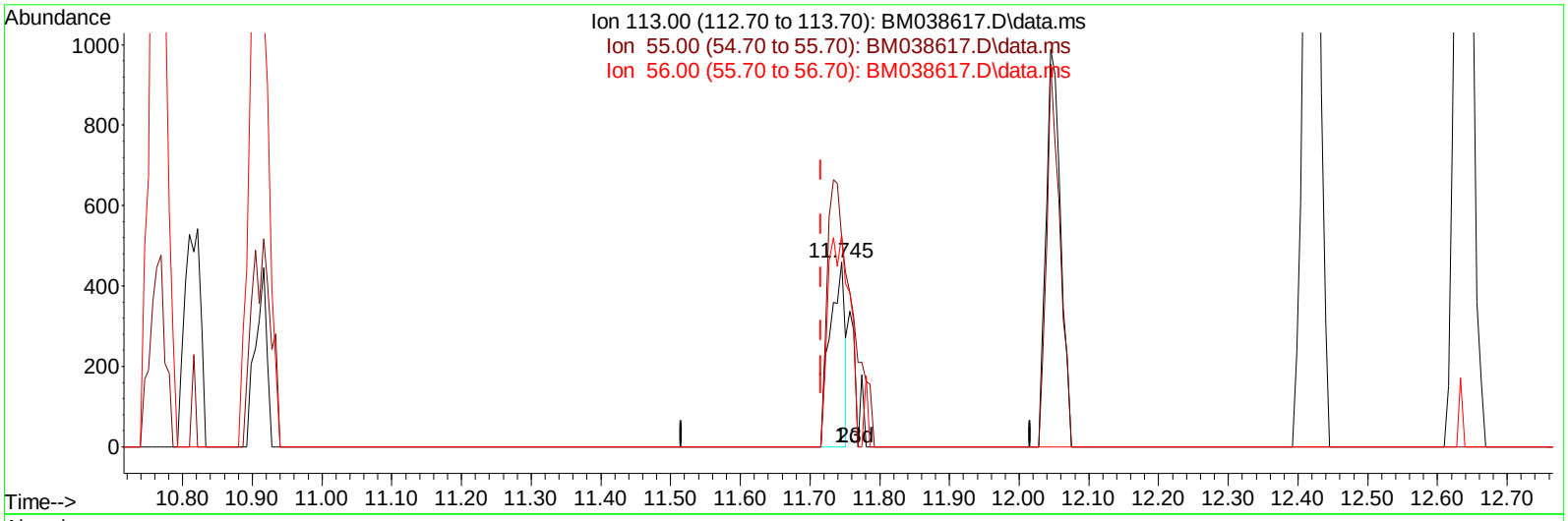

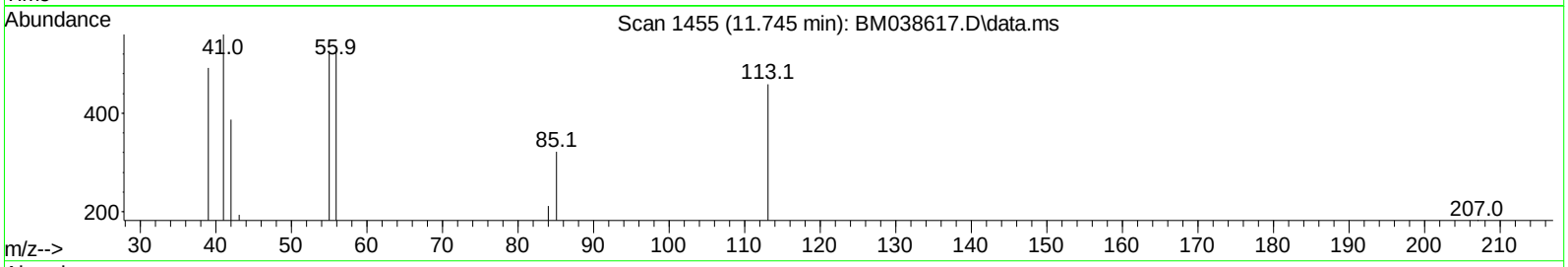

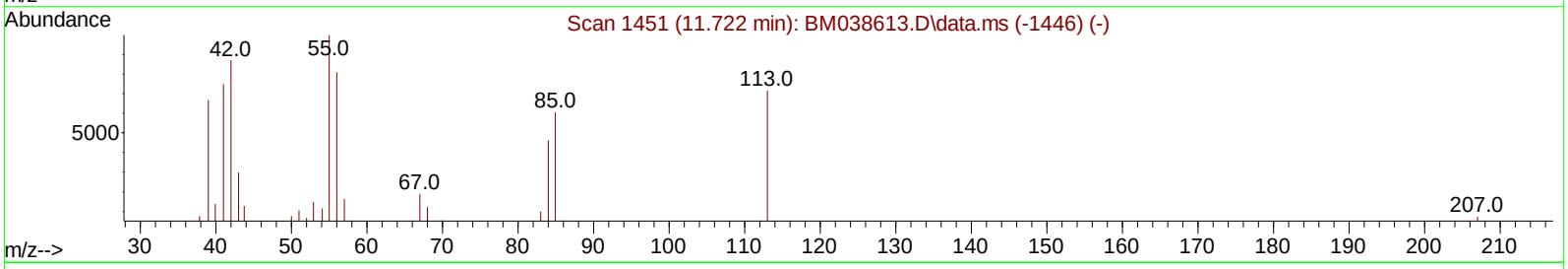

TIC: BM038617.D\data.ms

(34) Caprolactam

11.745min (+ 0.029) 0.74 ng/ul

response 684

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	134.50	113.51
56.00	120.60	114.81
0.00	0.00	0.00

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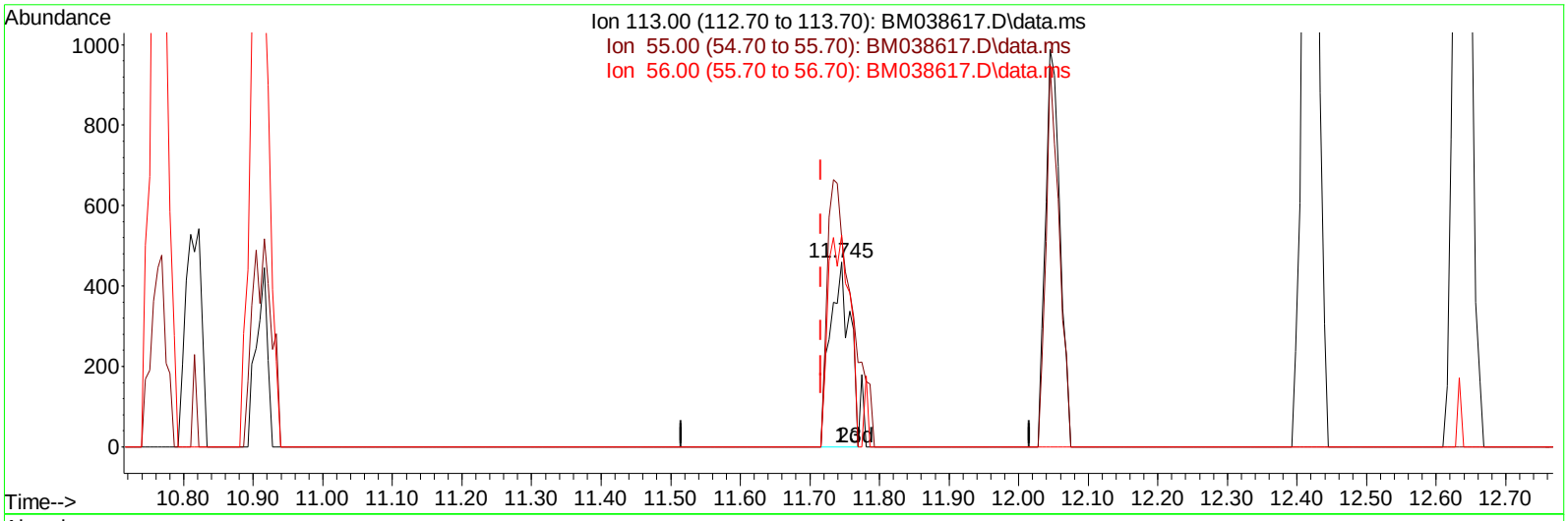

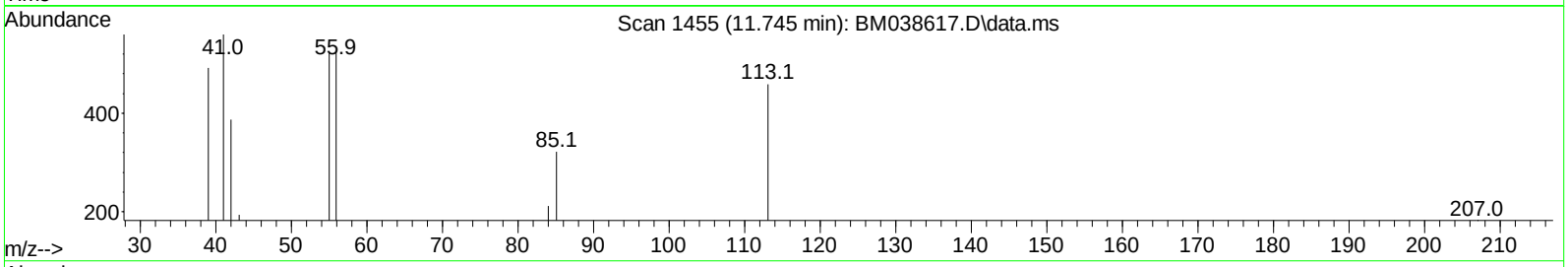

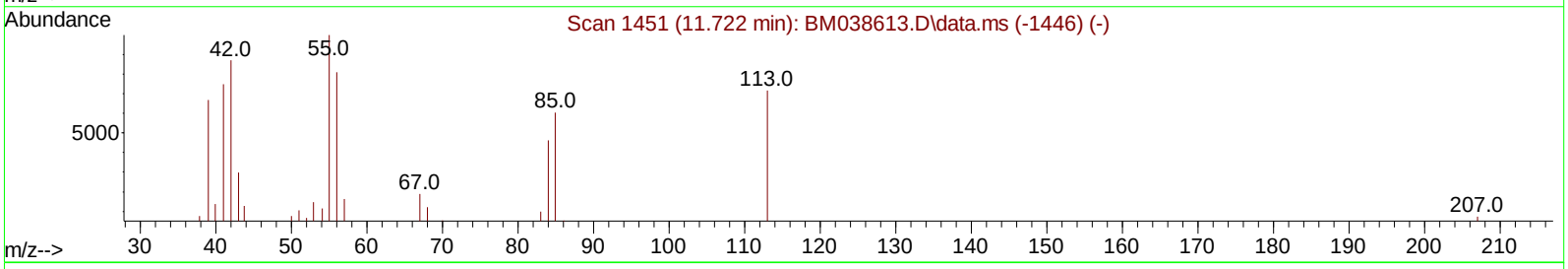

TIC: BM038617.D\data.ms

(34) Caprolactam

11.745min (+ 0.029) 0.98 ng/ul m

response 906

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	134.50	113.51
56.00	120.60	114.81
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	7.951	152	32765	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	223205	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.586	164	142604	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	250048	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.509	240	239840	20.000	ng/ul	# 0.00
88) Perylene-d12	23.909	264	325343	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	9007	9.802	ng/uL	0.00
4) Pyridine-d5	3.769	84	28681	12.464	ng/ul	0.00
7) Phenol-d5	7.116	99	9271	4.239	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	27770	21.753	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	30322	16.718	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	63588	36.439	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	66439	39.269	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	75699	33.880	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	105116	21.257	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	143549	29.872	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	394996	33.531	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	456083	36.383	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	17562	10.777	ng/ul	0.00
60) Fluorene-d10	15.580	176	314305	29.836	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	56166	26.241	ng/ul	0.00
73) Anthracene-d10	17.433	188	467080	37.110	ng/ul	0.00
81) Pyrene-d10	19.721	212	385013	31.154	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	680032	40.722	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	9447	9.541	ng/uL	95
5) Pyridine	3.787	79	29034	12.286	ng/ul	97
6) Benzaldehyde	7.093	77	34783	34.492	ng/ul	94
8) Phenol	7.146	94	9511	4.343	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.381	93	32974	21.076	ng/ul	91
12) 2-Chlorophenol	7.516	128	29888	16.422	ng/ul	96
13) 2-Methylphenol	8.404	108	75665	45.479	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.492	45	162096m	100.281	ng/ul	
16) Acetophenone	8.787	105	215534	69.912	ng/ul#	85
17) N-Nitroso-di-n-propyla...	8.769	70	109253	77.112	ng/ul	86
18) 4-Methylphenol	8.734	108	70215	39.761	ng/ul	92
19) Hexachloroethane	9.028	117	58497	63.721	ng/ul#	43
22) Nitrobenzene	9.169	77	178016	34.958	ng/ul	94
23) Isophorone	9.692	82	294188	38.179	ng/ul#	95
25) 2-Nitrophenol	9.881	139	77202	34.859	ng/ul#	80
26) 2,4-Dimethylphenol	9.939	107	104841	21.794	ng/ul	87
27) Bis(2-Chloroethoxy)met...	10.175	93	173211	44.085	ng/ul	98
29) 2,4-Dichlorophenol	10.416	162	113389	24.126	ng/ul	92
30) Naphthalene	10.816	128	422542	38.154	ng/ul	99
32) 4-Chloroaniline	10.934	127	146661	30.415	ng/ul	99
33) Hexachlorobutadiene	11.086	225	57157	11.702	ng/ul	94
35) 4-Chloro-3-methylphenol	12.051	107	32016	8.624	ng/ul	94
36) 2-Methylnaphthalene	12.422	142	89641	10.883	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	98404	11.573	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.786	216	76079	10.838	ng/ul#	94
40) Hexachlorocyclopentadiene	12.757	237	48762	9.735	ng/ul	93
41) 2,4,6-Trichlorophenol	13.028	196	48940	11.451	ng/ul	88
42) 2,4,5-Trichlorophenol	13.098	196	48244	10.570	ng/ul	91
43) 1,1'-Biphenyl	13.427	154	387004	35.294	ng/ul#	98
44) 2-Chloronaphthalene	13.469	162	301497	33.098	ng/ul	98
45) 2-Nitroaniline	13.686	65	107360	44.064	ng/ul#	76
47) Dimethylphthalate	14.051	163	405820	35.011	ng/ul#	98
48) 2,6-Dinitrotoluene	14.180	165	84299	39.268	ng/ul	94
50) Acenaphthylene	14.316	152	501283	39.989	ng/ul	97
51) 3-Nitroaniline	14.510	138	84031	54.381	ng/ul	96
52) Acenaphthene	14.651	153	353060	37.838	ng/ul	99
53) 2,4-Dinitrophenol	14.716	184	45642	26.448	ng/ul#	85
55) 4-Nitrophenol	14.816	109	17822	6.519	ng/ul#	43
56) Dibenzofuran	14.986	168	445947	32.134	ng/ul	99
57) 2,4-Dinitrotoluene	14.963	165	124811	39.445	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.216	232	62595	15.664	ng/ul#	53
59) Diethylphthalate	15.404	149	443445	40.808	ng/ul	94
61) Fluorene	15.633	166	379821	32.498	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.627	204	145080	17.641	ng/ul#	75
63) 4-Nitroaniline	15.669	138	82911	65.081	ng/ul#	53
66) 4,6-Dinitro-2-methylph...	15.721	198	55235	27.344	ng/ul#	73
67) N-Nitrosodiphenylamine	15.845	169	329646	46.760	ng/ul	99
68) 4-Bromophenyl-phenylether	16.521	248	86164	24.456	ng/ul#	77
69) Hexachlorobenzene	16.633	284	114699	27.888	ng/ul#	85
70) Atrazine	16.792	200	104690	29.596	ng/ul#	88
71) Pentachlorophenol	16.980	266	54472	20.705	ng/ul	92
72) Phenanthrene	17.374	178	575752	44.060	ng/ul	99
74) Anthracene	17.463	178	598962	43.772	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	91644	19.068	ng/uL	99
76) Pentachlorobenzene	14.904	250	105603	21.117	ng/uL	100
77) Carbazole	17.739	167	608639	51.243	ng/ul	98
78) Di-n-butylphthalate	18.292	149	294148	25.597	ng/ul	100
80) Fluoranthene	19.386	202	457252	31.921	ng/ul#	93
82) Pyrene	19.751	202	491889	32.358	ng/ul#	88
83) Butylbenzylphthalate	20.633	149	366358	83.552	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.427	252	228070	38.708	ng/ul#	96
85) Benzo(a)anthracene	21.492	228	656228	38.625	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.403	149	510607	81.839	ng/ul#	95
87) Chrysene	21.545	228	620997	39.489	ng/ul	100
89) Di-n-octyl phthalate	22.327	149	940925	68.289	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	831238	41.326	ng/ul#	97
91) Benzo(k)fluoranthene	23.227	252	799796	39.891	ng/ul#	96
93) Benzo(a)pyrene	23.809	252	747980	40.156	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.421	276	1037682	35.243	ng/ul	99
95) Dibenzo(a,h)anthracene	26.438	278	878899	35.171	ng/ul	99
96) Benzo(g,h,i)perylene	27.197	276	808368	33.826	ng/ul	100

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

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