Quantitation Report (Qedit)

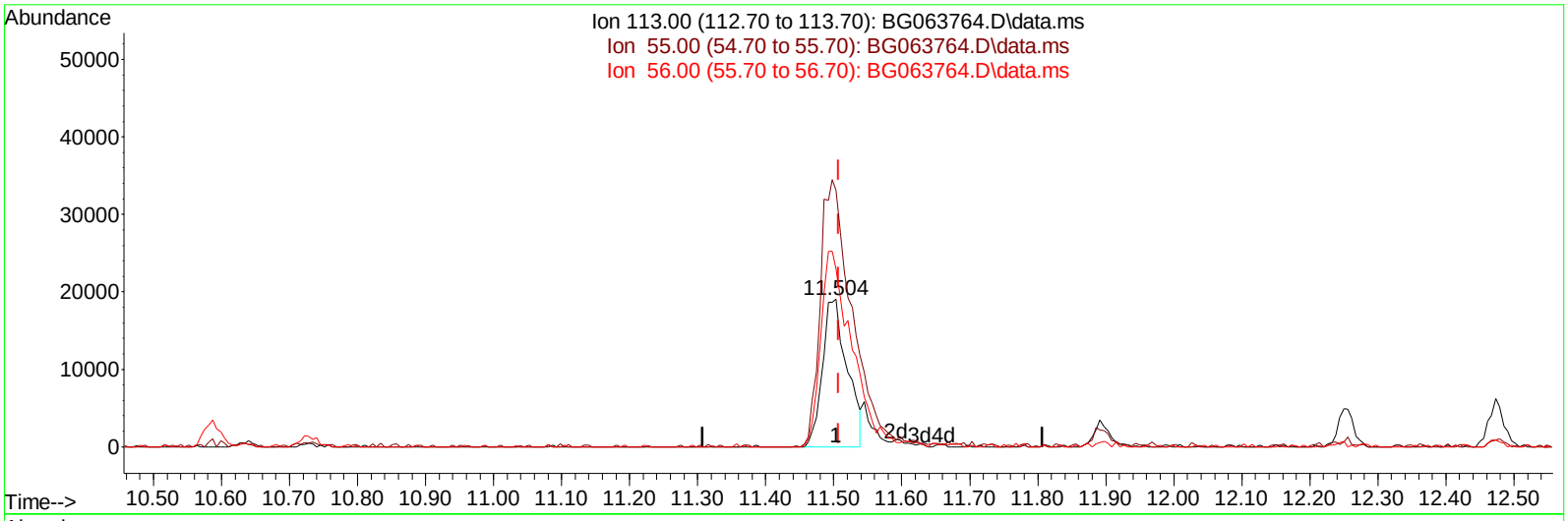
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122024\
Data File : BG063764.D
Acq On : 20 Dec 2024 10:18
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

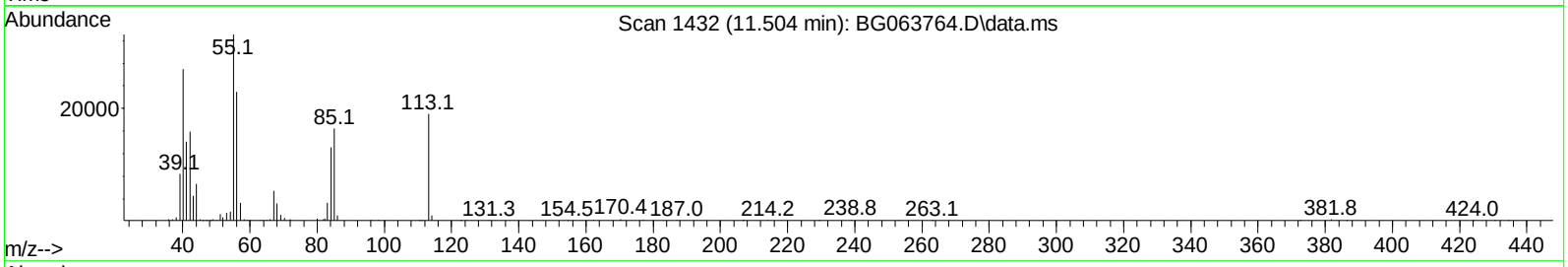
Quant Time: Dec 20 12:07:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

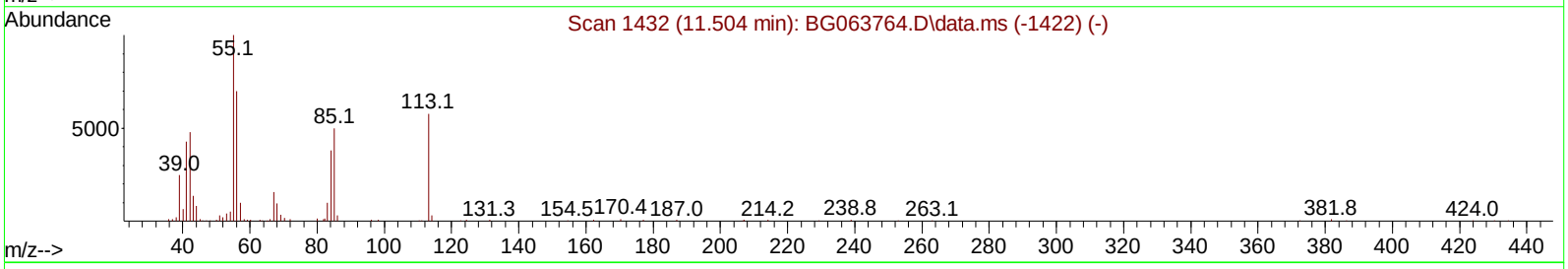
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024







TIC: BG063764.D\data.ms

(34) Caprolactam

11.504min (-0.004) 20.38 ng/ul

response 48183

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	173.89
56.00	133.90	120.73
0.00	0.00	0.00

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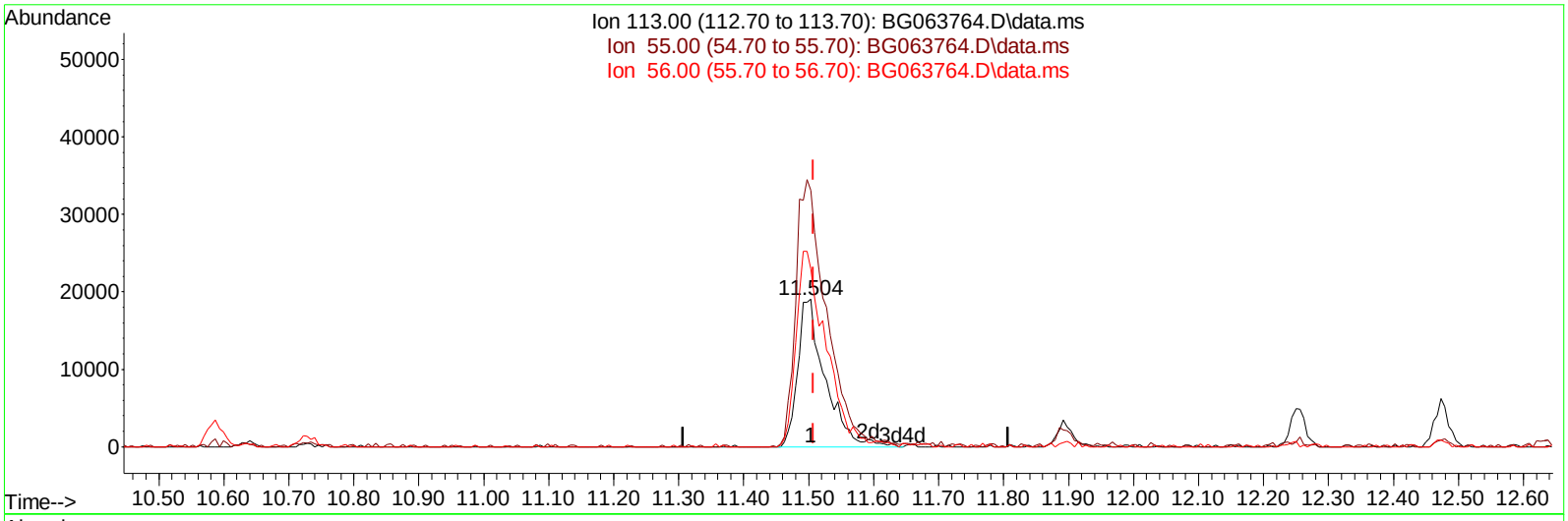

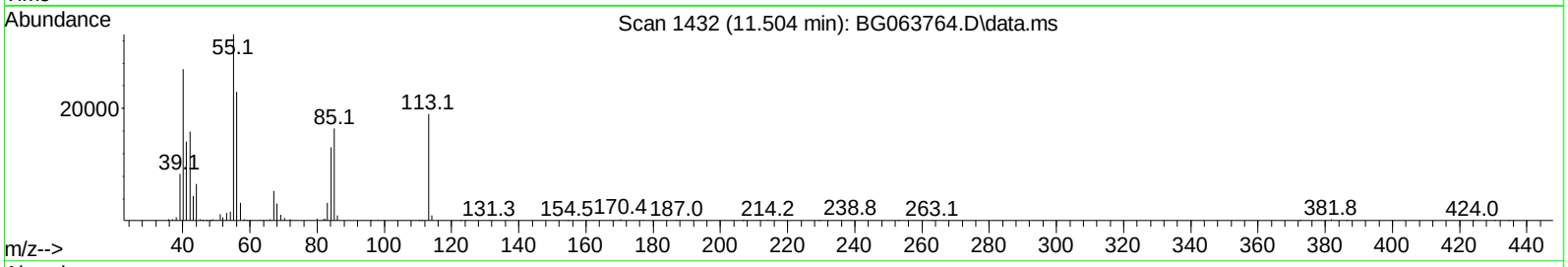

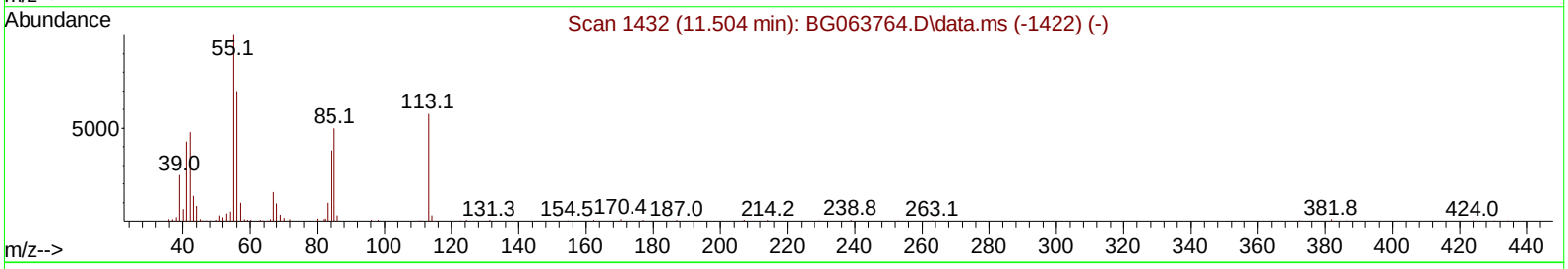

TIC: BG063764.D\data.ms

(34) Caprolactam

11.504min (-0.004) 23.52 ng/ul m

response 55615

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	173.89
56.00	133.90	120.73
0.00	0.00	0.00

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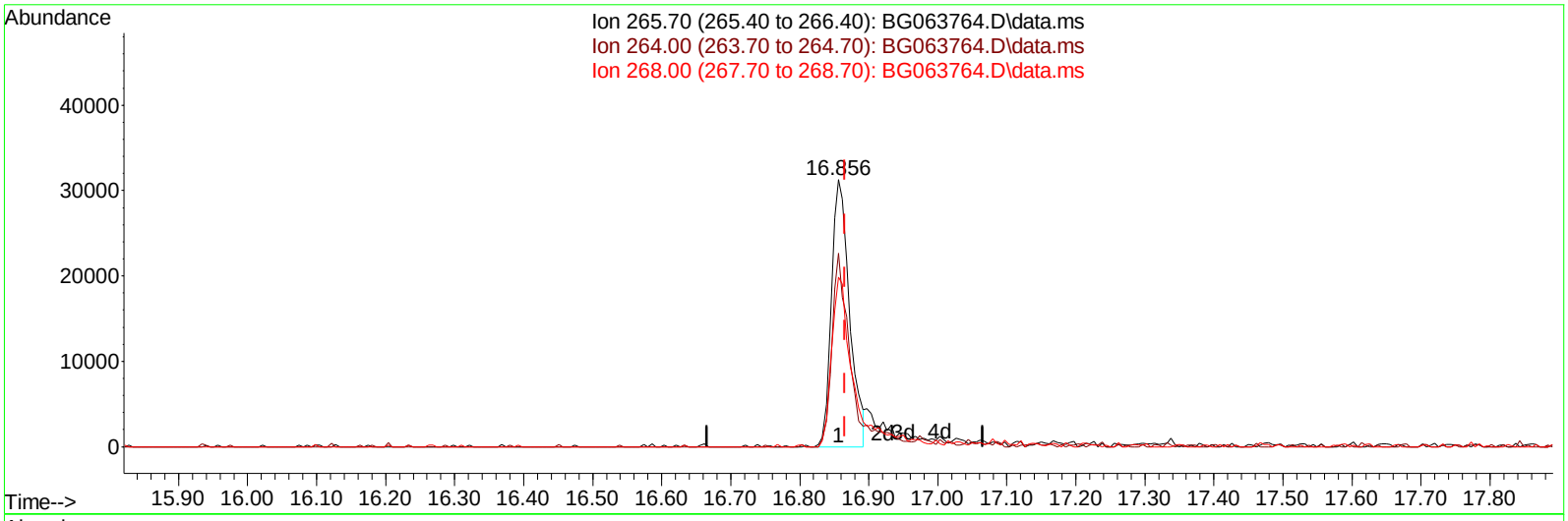

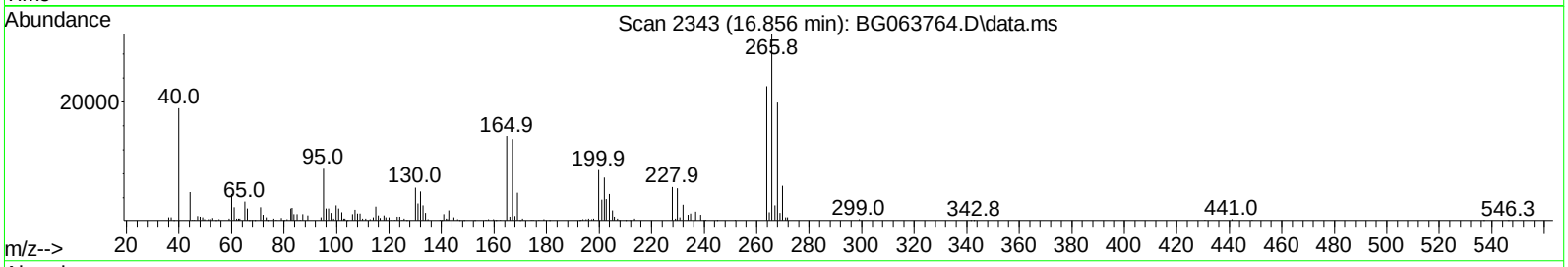

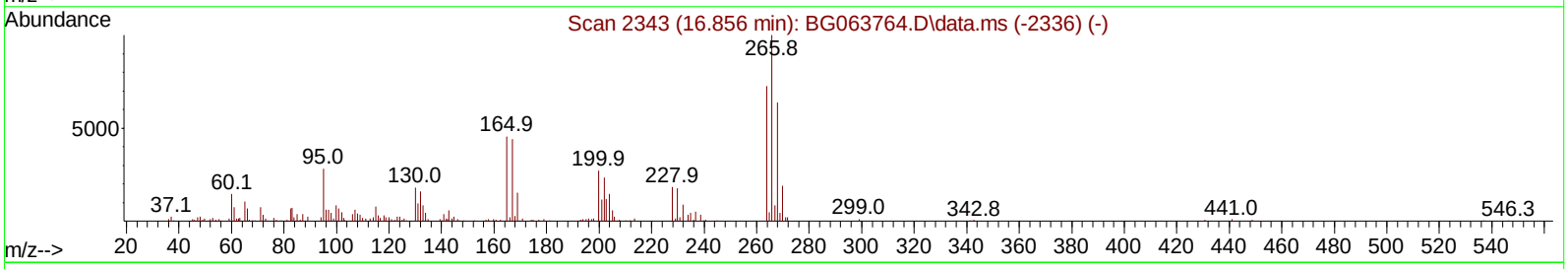

TIC: BG063764.D\data.ms

(71) Pentachlorophenol (C)

16.856min (-0.010) 12.92 ng/ul

response 57146

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	61.60	72.51
268.00	63.10	63.65
0.00	0.00	0.00

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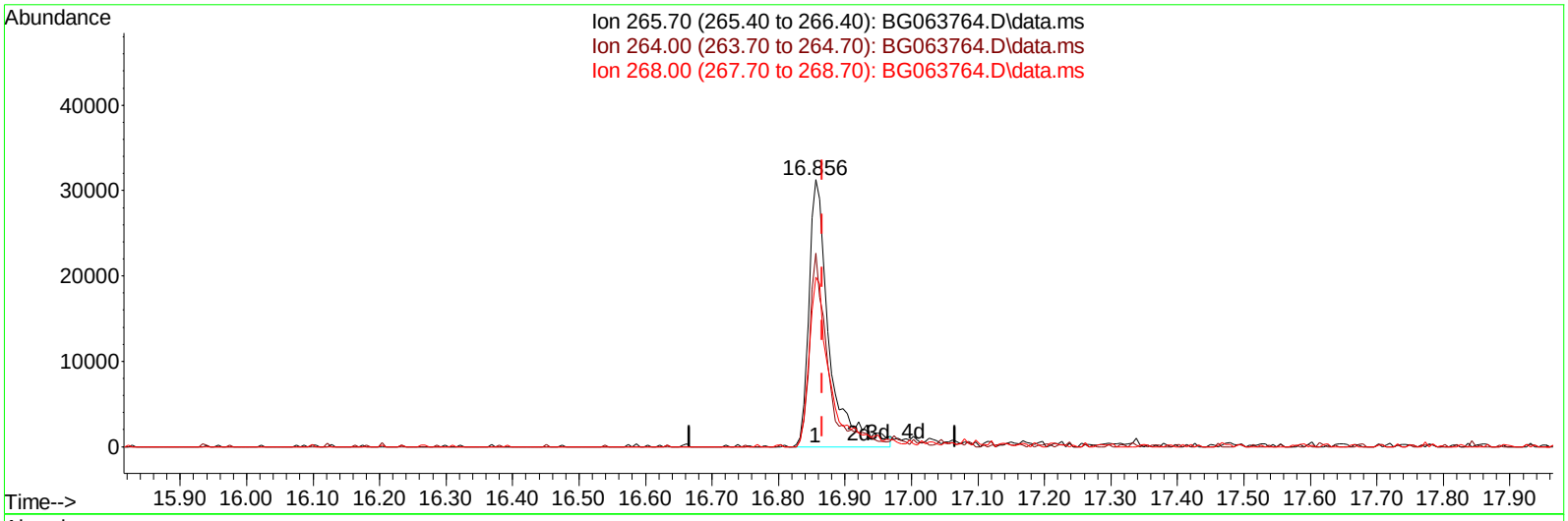

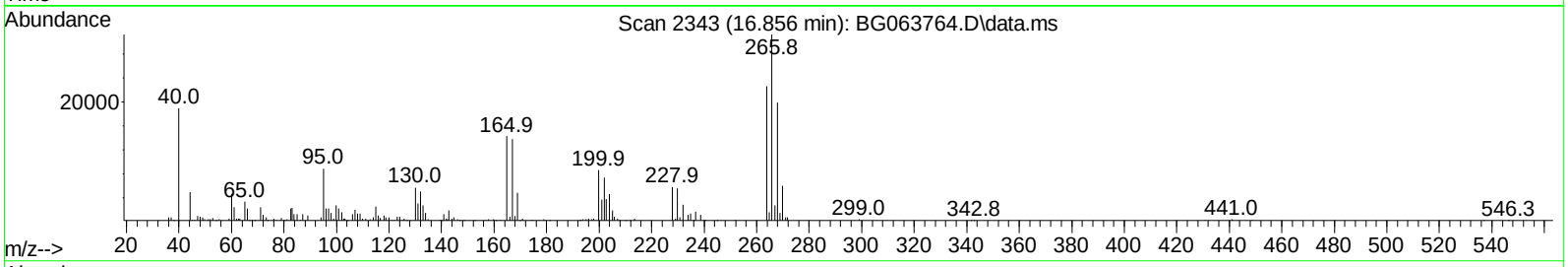

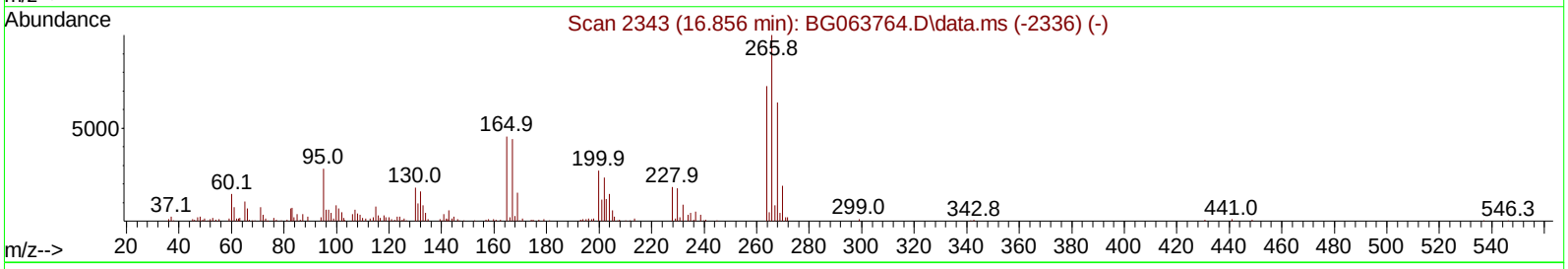

TIC: BG063764.D\data.ms

(71) Pentachlorophenol (C)

16.856min (-0.010) 15.17 ng/ul m

response 67088

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	61.60	72.51
268.00	63.10	63.65
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.796	152	107250	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.587	136	444181	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.441	164	340530	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.191	188	918718	20.000	ng/ul	-0.02
79) Chrysene-d12	21.439	240	937184	20.000	ng/ul	-0.02
88) Perylene-d12	24.453	264	982056	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	21401	7.820	ng/uL	-0.02
4) Pyridine-d5	3.666	84	181518	21.025	ng/ul	-0.02
7) Phenol-d5	6.985	99	185572	18.787	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.132	67	123912	18.163	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.338	132	123377	19.293	ng/ul	0.00
15) 4-Methylphenol-d8	8.519	113	144955	18.902	ng/ul	0.00
21) Nitrobenzene-d5	8.954	128	64179	20.236	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.670	143	74014	20.819	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.223	165	146586	21.297	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	184758	21.141	ng/ul	-0.02
46) Dimethylphthalate-d6	13.848	166	469797	20.275	ng/ul	0.00
49) Acenaphthylene-d8	14.130	160	554745	21.002	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.676	143	65689	20.008	ng/ul	0.00
60) Fluorene-d10	15.434	176	464569	22.676	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.575	200	87537	18.352	ng/ul	0.00
73) Anthracene-d10	17.291	188	845632	21.409	ng/ul	-0.02
81) Pyrene-d10	19.588	212	997793	20.460	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.247	264	955377	20.716	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.296	88	24812	7.661	ng/uL	94
5) Pyridine	3.683	79	193792	20.956	ng/ul	98
6) Benzaldehyde	6.938	77	133465	22.028	ng/ul	91
8) Phenol	7.015	94	197138	18.727	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.220	93	151052	18.754	ng/ul	95
12) 2-Chlorophenol	7.367	128	131028	20.242	ng/ul	97
13) 2-Methylphenol	8.254	108	148109	19.466	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.313	45	228138	19.080	ng/ul	99
16) Acetophenone	8.619	105	252594	19.419	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.601	70	142235	18.326	ng/ul	90
18) 4-Methylphenol	8.583	108	163922	19.685	ng/ul	95
19) Hexachloroethane	8.871	117	58720	18.462	ng/ul	94
22) Nitrobenzene	8.995	77	202480	19.119	ng/ul	94
23) Isophorone	9.518	82	390763	19.528	ng/ul	96
25) 2-Nitrophenol	9.706	139	77670	21.259	ng/ul	88
26) 2,4-Dimethylphenol	9.776	107	167087	20.154	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.999	93	217021	20.051	ng/ul	100
29) 2,4-Dichlorophenol	10.246	162	145618	21.292	ng/ul	97
30) Naphthalene	10.640	128	451170	20.316	ng/ul	97
32) 4-Chloroaniline	10.752	127	174914	21.036	ng/ul	96
33) Hexachlorobutadiene	10.922	225	102244	18.402	ng/ul	99
34) Caprolactam	11.504	113	55615m	23.524	ng/ul	
35) 4-Chloro-3-methylphenol	11.897	107	164950	20.544	ng/ul	94

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SSTDCCC020

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.256	142	327946	20.547	ng/ul	99
37) 1-Methylnaphthalene	12.473	142	329755	20.283	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.626	216	201355	18.471	ng/ul#	97
40) Hexachlorocyclopentadiene	12.602	237	70025	16.249	ng/ul	95
41) 2,4,6-Trichlorophenol	12.878	196	122598	19.898	ng/ul#	93
42) 2,4,5-Trichlorophenol	12.955	196	129651	20.163	ng/ul	90
43) 1,1'-Biphenyl	13.266	154	461332	20.543	ng/ul	94
44) 2-Chloronaphthalene	13.313	162	361890	20.067	ng/ul	97
45) 2-Nitroaniline	13.519	65	130326	21.575	ng/ul	94
47) Dimethylphthalate	13.895	163	479957	20.667	ng/ul	98
48) 2,6-Dinitrotoluene	14.018	165	94735	21.965	ng/ul#	88
50) Acenaphthylene	14.159	152	588769	20.788	ng/ul	96
51) 3-Nitroaniline	14.347	138	93653	23.486	ng/ul	91
52) Acenaphthene	14.506	153	420703	20.957	ng/ul	98
53) 2,4-Dinitrophenol	14.576	184	37429	16.982	ng/ul	97
55) 4-Nitrophenol	14.688	109	53925	15.818	ng/ul	86
56) Dibenzofuran	14.841	168	618088	21.839	ng/ul	96
57) 2,4-Dinitrotoluene	14.817	165	148271	23.136	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.082	232	122380	22.079	ng/ul#	91
59) Diethylphthalate	15.264	149	502947	22.403	ng/ul	98
61) Fluorene	15.493	166	517005	22.877	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.487	204	271726	21.582	ng/ul	95
63) 4-Nitroaniline	15.517	138	106966	26.795	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.587	198	87283	17.762	ng/ul#	97
67) N-Nitrosodiphenylamine	15.699	169	448778	20.172	ng/ul	96
68) 4-Bromophenyl-phenylether	16.380	248	184747	19.732	ng/ul	96
69) Hexachlorobenzene	16.504	284	210505	20.067	ng/ul	97
70) Atrazine	16.656	200	197585	21.010	ng/ul	94
71) Pentachlorophenol	16.856	266	67088m	15.168	ng/ul	
72) Phenanthrene	17.238	178	951762	21.498	ng/ul	99
74) Anthracene	17.326	178	993432	22.170	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.237	216	207495	16.928	ng/ul	98
76) Pentachlorobenzene	14.764	250	211716	17.435	ng/ul	90
77) Carbazole	17.602	167	847768	23.372	ng/ul	97
78) Di-n-butylphthalate	18.155	149	990856	22.619	ng/ul	98
80) Fluoranthene	19.253	202	1189875	21.466	ng/ul#	95
82) Pyrene	19.618	202	1255997	21.298	ng/ul	95
83) Butylbenzylphthalate	20.511	149	411646	22.739	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.345	252	355283	21.000	ng/ul#	95
85) Benzo(a)anthracene	21.421	228	1195230	20.350	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.333	149	603942	22.934	ng/ul	98
87) Chrysene	21.486	228	1145676	20.466	ng/ul	98
89) Di-n-octyl phthalate	22.467	149	1030998	24.323	ng/ul	100
90) Benzo(b)fluoranthene	23.501	252	1142692	20.473	ng/ul	99
91) Benzo(k)fluoranthene	23.566	252	1201678	21.583	ng/ul	99
93) Benzo(a)pyrene	24.318	252	1088771	20.782	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.861	276	1339402	20.934	ng/ul	99
95) Dibenzo(a,h)anthracene	27.902	278	1093725	21.364	ng/ul	99
96) Benzo(g,h,i)perylene	28.924	276	1035760	20.401	ng/ul	96

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

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