Quantitation Report (Qedit)

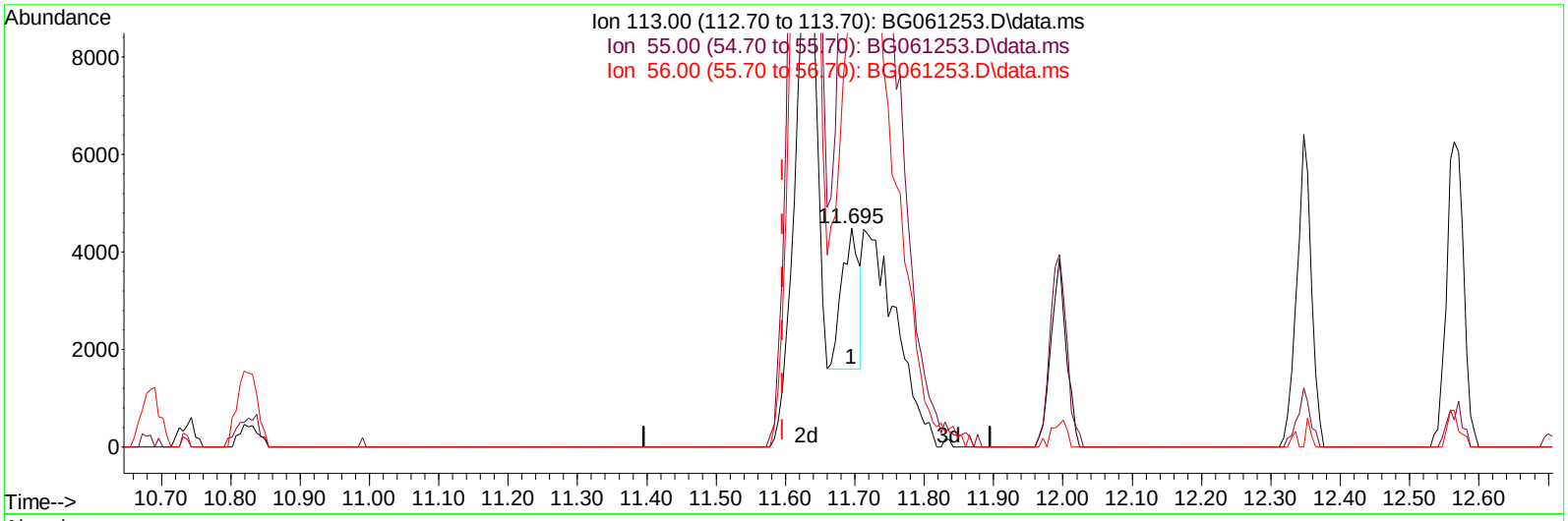
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052124\
Data File : BG061253.D
Acq On : 21 May 2024 13:58
Operator : MA/JU
Sample : SSTD08089
Misc :
ALS Vial : 6 Sample Multiplier: 1

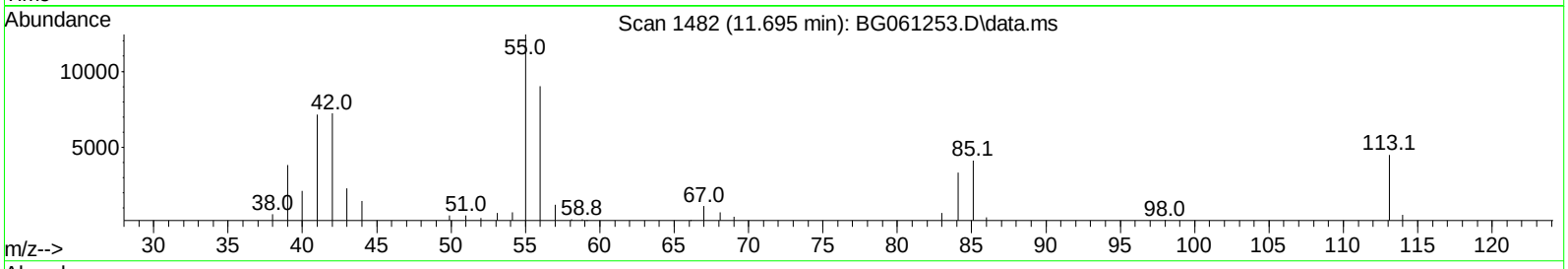
Quant Time: May 21 15:20:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:16:24 2024
Response via : Initial Calibration

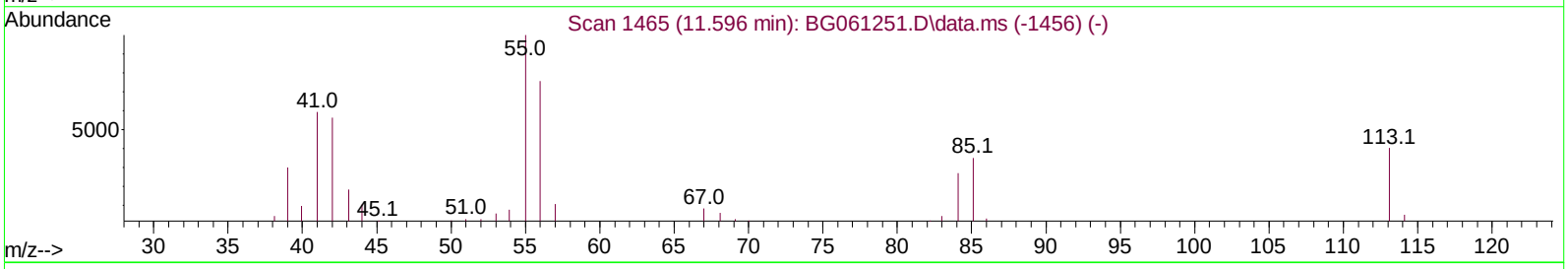
Instrument :
BNA_G
ClientSampleId :
SSTD080417

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024







TIC: BG061253.D\data.ms

(34) Caprolactam

11.695min (+ 0.099) 7.59 ng/ul

response 4857

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	248.70	276.84
56.00	188.30	201.36
0.00	0.00	0.00

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ClientSampleId :
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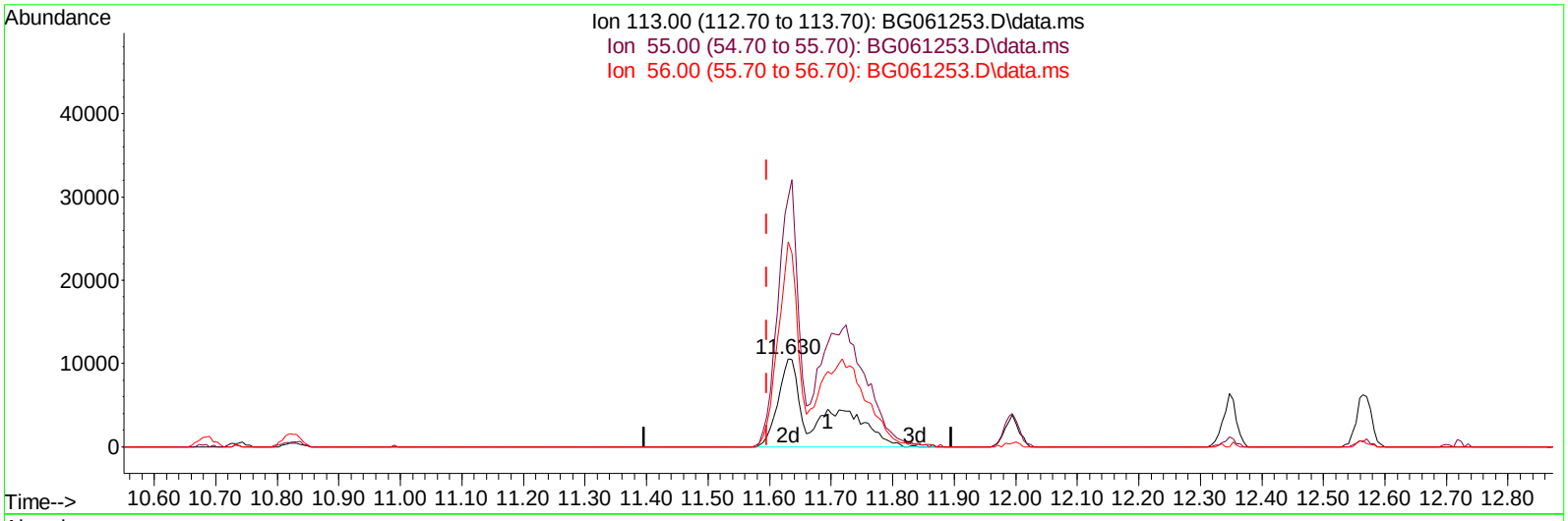

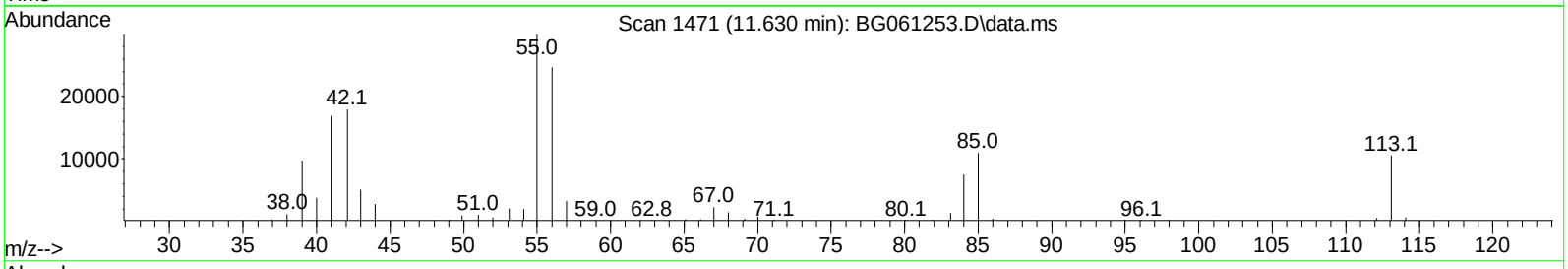

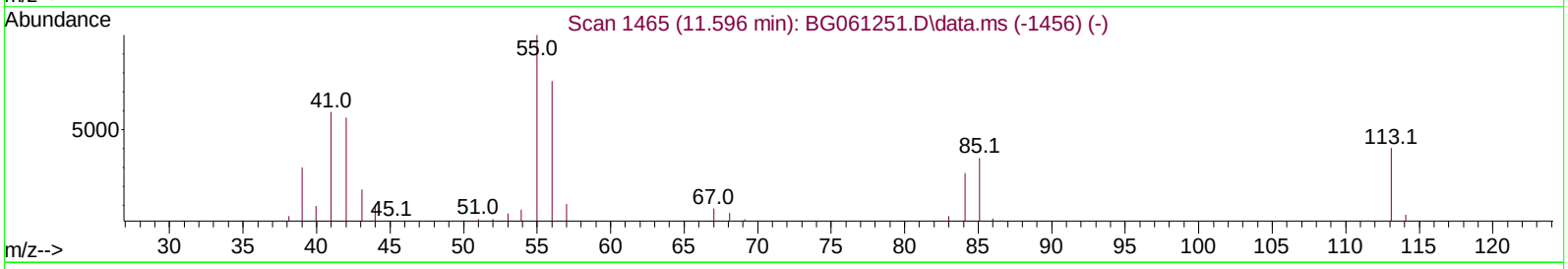

TIC: BG061253.D\data.ms

(34) Caprolactam

11.630min (+ 0.034) 76.17 ng/ul m

response 48729

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	248.70	283.37
56.00	188.30	233.55#
0.00	0.00	0.00

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Misc :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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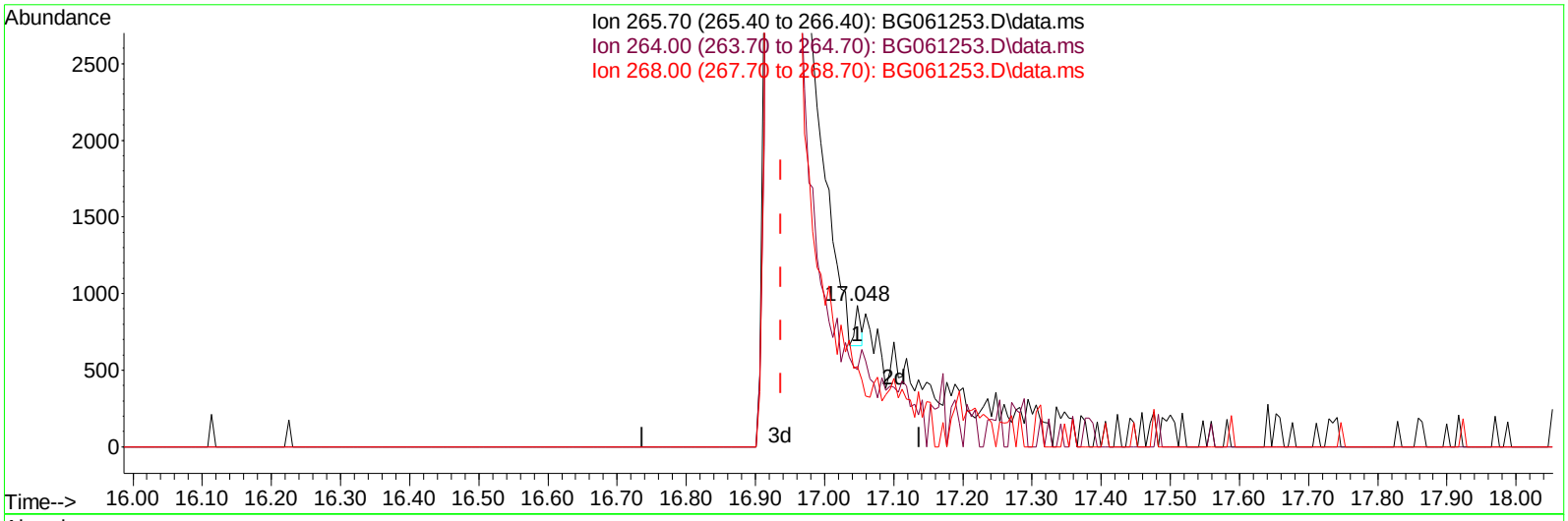

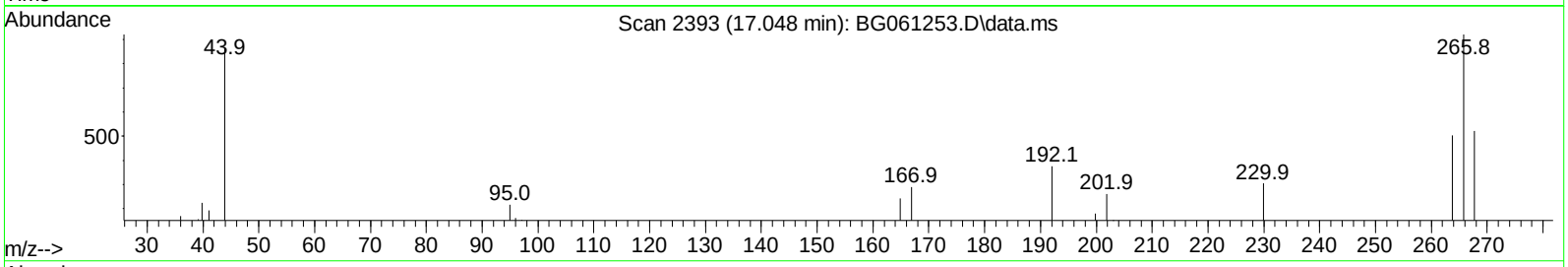

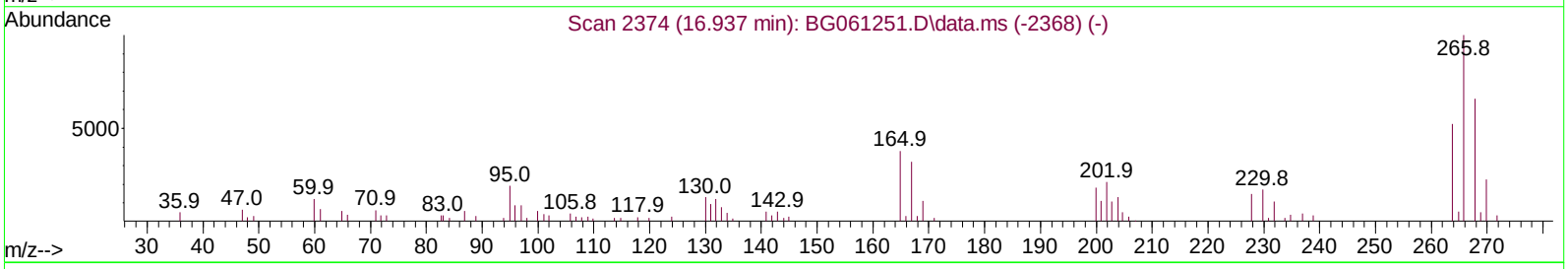

TIC: BG061253.D\data.ms

(71) Pentachlorophenol (C)

17.048min (+ 0.111) 0.15 ng/ul

response 146

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	52.40	54.61
268.00	65.80	56.79
0.00	0.00	0.00

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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080417

Manual IntegrationsAPPROVED

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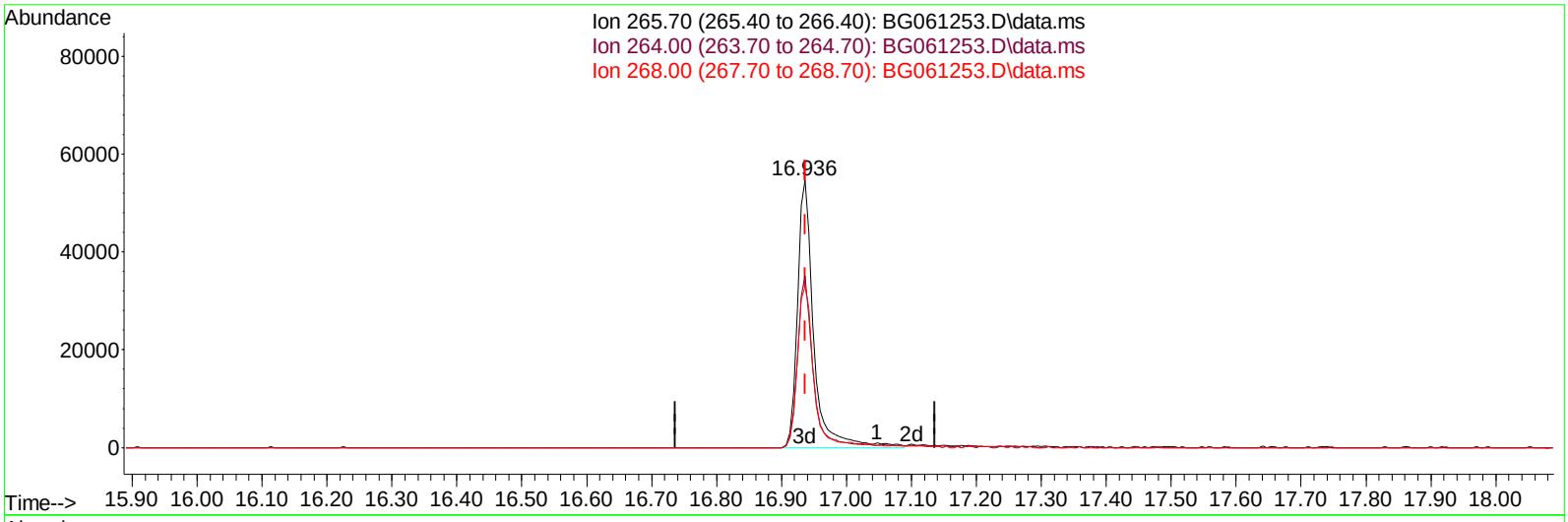

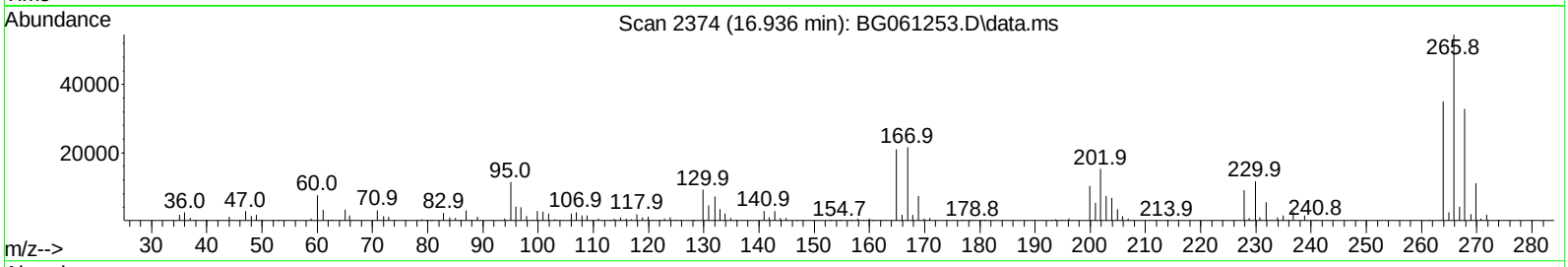

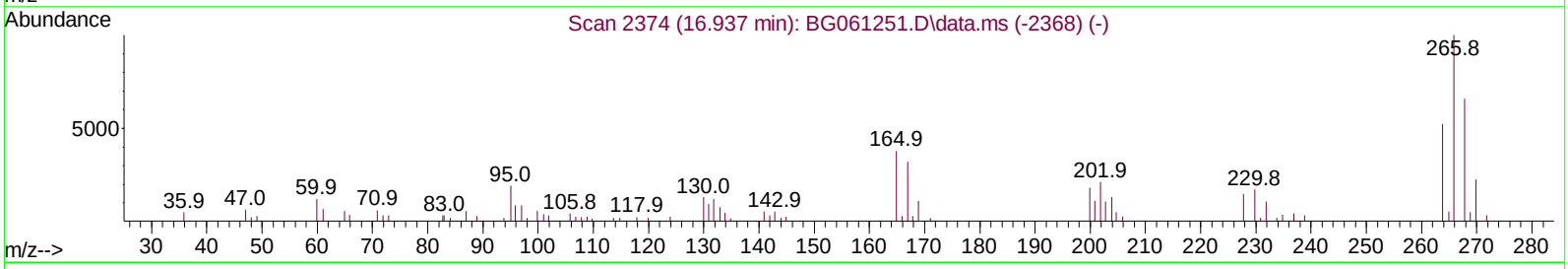

TIC: BG061253.D\data.ms

(71) Pentachlorophenol (C)

16.936min (-0.001) 97.21 ng/ul m

response 95783

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	52.40	64.23#
268.00	65.80	60.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : SSTD08089
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.888	152	22505	20.000	ng/ul	0.00
20) Naphthalene-d8	10.684	136	103348	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.527	164	87241	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.271	188	216172	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.531	240	219454	20.000	ng/ul	0.01
88) Perylene-d12	24.615	264	244273	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	13670	33.993	ng/uL	0.00
4) Pyridine-d5	3.746	84	111258	77.767	ng/ul	0.00
7) Phenol-d5	7.077	99	150979	81.693	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.224	67	95127	81.891	ng/ul	0.01
11) 2-Chlorophenol-d4	7.429	132	115025	84.097	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	129546	82.206	ng/ul	0.01
21) Nitrobenzene-d5	9.051	128	63953	80.373	ng/ul	0.00
24) 2-Nitrophenol-d4	9.768	143	76984	82.667	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	153188	84.378	ng/ul	0.00
31) 4-Chloroaniline-d4	10.825	131	190654	80.270	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	520204	76.882	ng/ul	0.01
49) Acenaphthylene-d8	14.221	160	569731	80.992	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	72216	86.329	ng/ul	0.02
60) Fluorene-d10	15.520	176	466779	79.905	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.661	200	110156	84.252	ng/ul	0.01
73) Anthracene-d10	17.377	188	757396	79.472	ng/ul	0.01
81) Pyrene-d10	19.668	212	890101	78.994	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.415	264	964909	82.164	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	14865	30.798	ng/uL	97
5) Pyridine	3.769	79	112289	79.355	ng/ul	94
6) Benzaldehyde	7.030	77	71565	74.057	ng/ul	92
8) Phenol	7.100	94	157487	83.635	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.312	93	113350	82.294	ng/ul	93
12) 2-Chlorophenol	7.459	128	119717	82.822	ng/ul	97
13) 2-Methylphenol	8.346	108	121058	82.953	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.422	45	306456	82.385	ng/ul	99
16) Acetophenone	8.716	105	215947	80.293	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.710	70	114248	77.259	ng/ul	98
18) 4-Methylphenol	8.681	108	131888	81.569	ng/ul	97
19) Hexachloroethane	8.969	117	51885	80.674	ng/ul	94
22) Nitrobenzene	9.098	77	173838	79.653	ng/ul	98
23) Isophorone	9.621	82	343707	77.421	ng/ul	98
25) 2-Nitrophenol	9.803	139	81601	80.730	ng/ul	99
26) 2,4-Dimethylphenol	9.874	107	165876	82.820	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.097	93	178243	80.096	ng/ul	96
29) 2,4-Dichlorophenol	10.350	162	139370	83.347	ng/ul	98
30) Naphthalene	10.737	128	433832	79.531	ng/ul	100
32) 4-Chloroaniline	10.849	127	187901	79.608	ng/ul	100
33) Hexachlorobutadiene	11.019	225	130429	79.800	ng/ul	96
34) Caprolactam	11.630	113	48729m	76.171	ng/ul	
35) 4-Chloro-3-methylphenol	11.995	107	173471	80.251	ng/ul	92

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 05/24/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.347	142	316678	80.053 ng/ul	100
37) 1-Methylnaphthalene	12.565	142	318493	78.452 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.717	216	244001	84.713 ng/ul	97
40) Hexachlorocyclopentadiene	12.694	237	122813	94.466 ng/ul	90
41) 2,4,6-Trichlorophenol	12.964	196	142983	88.131 ng/ul	96
42) 2,4,5-Trichlorophenol	13.046	196	154885	90.655 ng/ul	96
43) 1,1'-Biphenyl	13.358	154	448568	79.516 ng/ul	98
44) 2-Chloronaphthalene	13.405	162	365909	82.422 ng/ul	99
45) 2-Nitroaniline	13.610	65	150386	82.077 ng/ul	98
47) Dimethylphthalate	13.986	163	541662	76.807 ng/ul	100
48) 2,6-Dinitrotoluene	14.110	165	113690	82.207 ng/ul	96
50) Acenaphthylene	14.251	152	626976	80.377 ng/ul	99
51) 3-Nitroaniline	14.439	138	96645	80.524 ng/ul	96
52) Acenaphthene	14.592	153	414889	81.081 ng/ul	98
53) 2,4-Dinitrophenol	14.656	184	69282	94.470 ng/ul	97
55) 4-Nitrophenol	14.780	109	87110	88.570 ng/ul	98
56) Dibenzofuran	14.927	168	581866	79.530 ng/ul	99
57) 2,4-Dinitrotoluene	14.903	165	166534	79.148 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.162	232	142604	91.516 ng/ul	99
59) Diethylphthalate	15.350	149	527905	75.804 ng/ul	100
61) Fluorene	15.579	166	493499	77.959 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.567	204	292271	78.725 ng/ul	98
63) 4-Nitroaniline	15.608	138	100048	80.035 ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.679	198	114824	83.800 ng/ul#	89
67) N-Nitrosodiphenylamine	15.784	169	441344	81.230 ng/ul	99
68) 4-Bromophenyl-phenylether	16.466	248	211893	82.727 ng/ul	96
69) Hexachlorobenzene	16.583	284	231950	81.472 ng/ul	96
70) Atrazine	16.742	200	162271	75.467 ng/ul	96
71) Pentachlorophenol	16.936	266	95783m	97.210 ng/ul	
72) Phenanthrene	17.318	178	828297	78.945 ng/ul	99
74) Anthracene	17.412	178	861400	79.404 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.328	216	245848	86.037 ng/uL	96
76) Pentachlorobenzene	14.850	250	263522	83.413 ng/uL	95
77) Carbazole	17.682	167	703713	79.752 ng/ul	99
78) Di-n-butylphthalate	18.240	149	874654	79.110 ng/ul	99
80) Fluoranthene	19.333	202	1061016	78.493 ng/ul	100
82) Pyrene	19.697	202	1089769	77.668 ng/ul	100
83) Butylbenzylphthalate	20.585	149	395689	82.091 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.425	252	365564	78.478 ng/ul	98
85) Benzo(a)anthracene	21.513	228	1207830	79.765 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.419	149	578040	81.017 ng/ul	100
87) Chrysene	21.572	228	1115009	79.970 ng/ul	98
89) Di-n-octyl phthalate	22.582	149	985666	80.655 ng/ul	100
90) Benzo(b)fluoranthene	23.646	252	1181771	81.256 ng/ul	99
91) Benzo(k)fluoranthene	23.716	252	1190738	80.648 ng/ul	97
93) Benzo(a)pyrene	24.492	252	1137263	82.348 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.146	276	1373235	82.225 ng/ul	98
95) Dibenzo(a,h)anthracene	28.199	278	1148782	83.421 ng/ul	97
96) Benzo(g,h,i)perylene	29.251	276	1090921	82.109 ng/ul	100

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

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