Quantitation Report (Qedit)

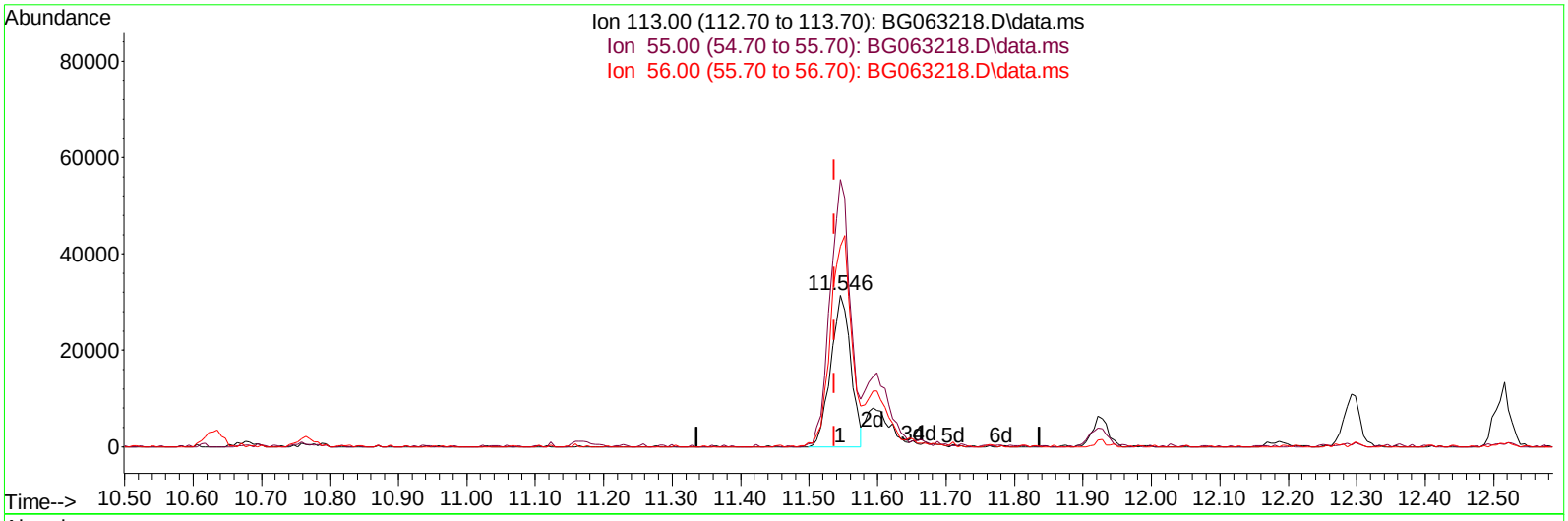
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063218.D
Acq On : 8 Nov 2024 1:09
Operator : RC/JU
Sample : P4604-03MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

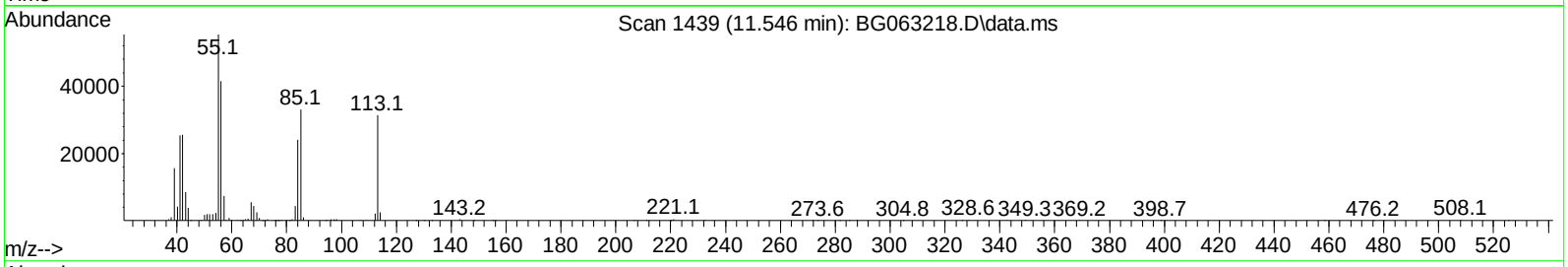
Quant Time: Nov 08 00:43:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

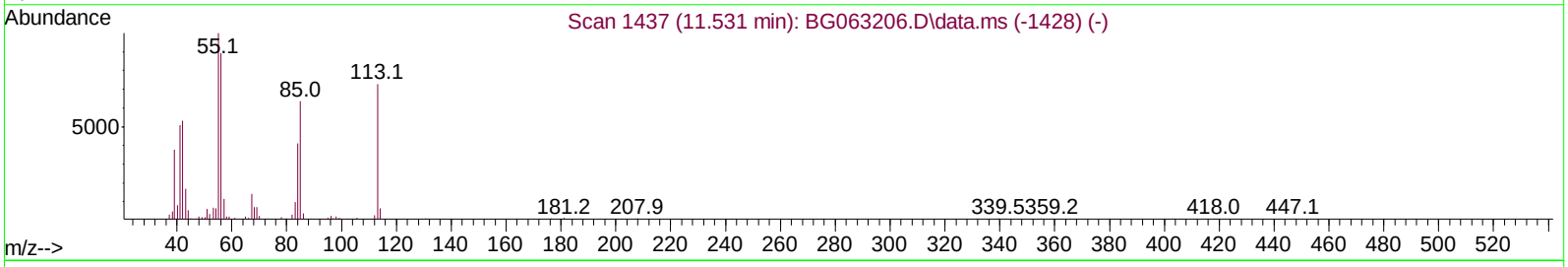
Instrument :
BNA_G
ClientSampleId :
A4ED4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BG063218.D\data.ms

(34) Caprolactam

11.546min (+ 0.009) 21.65 ng/ul

response 64108

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	176.31#
56.00	105.40	132.27#
0.00	0.00	0.00

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ClientSampleId :
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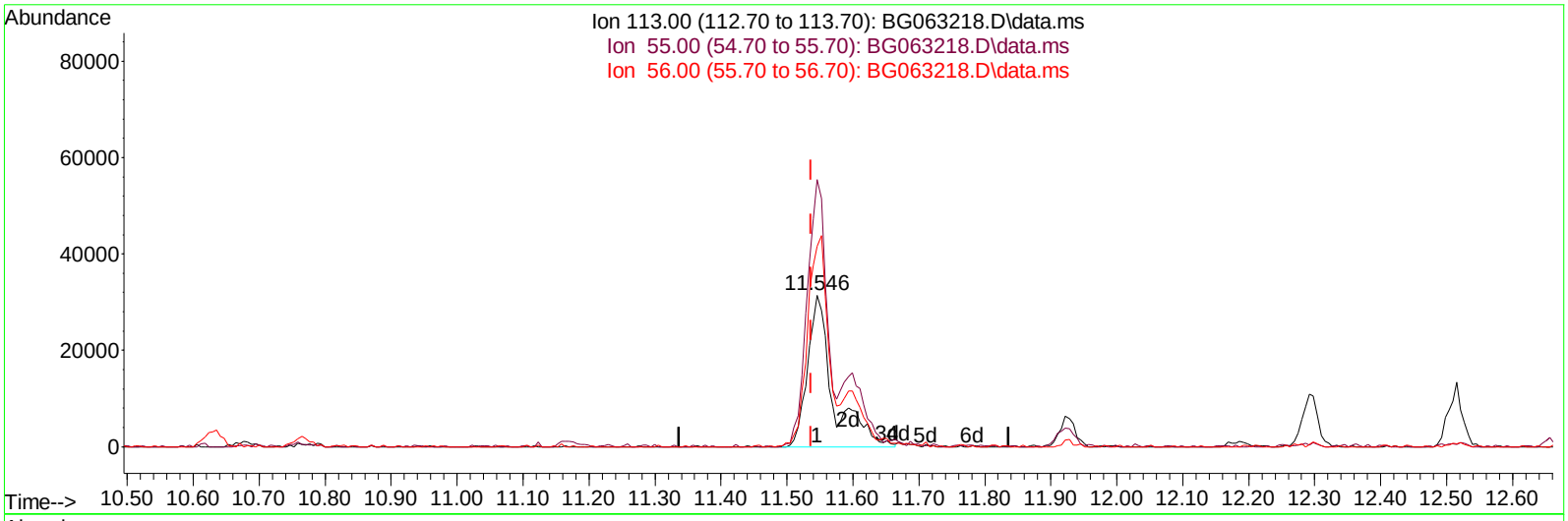

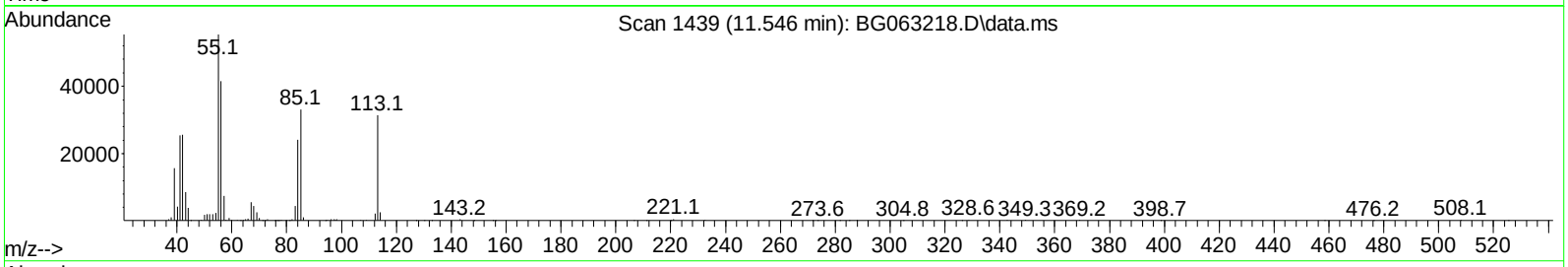

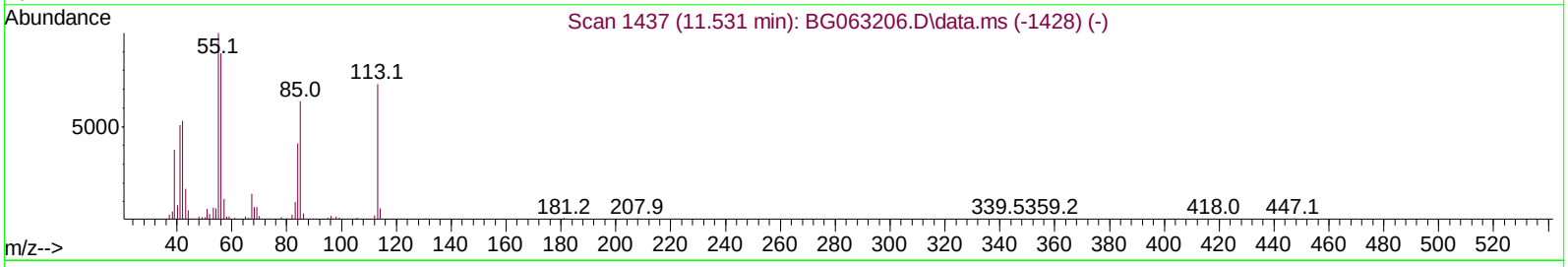

TIC: BG063218.D\data.ms

(34) Caprolactam

11.546min (+ 0.009) 28.49 ng/ul m

response 84368

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	176.31#
56.00	105.40	132.27#
0.00	0.00	0.00

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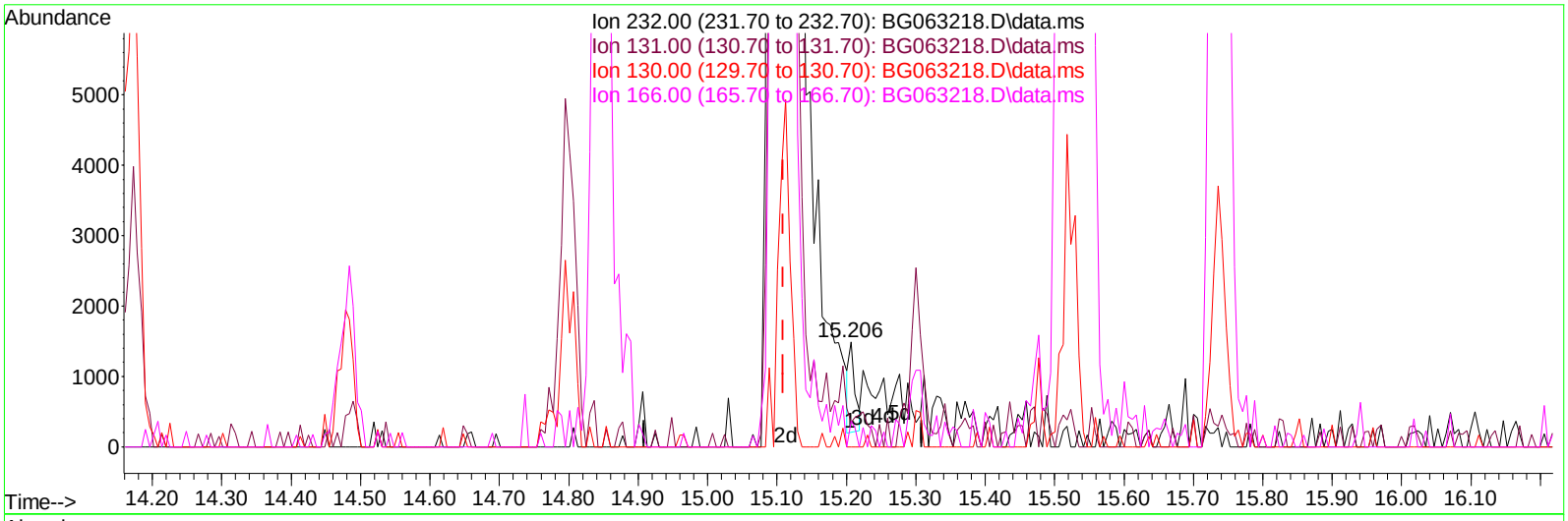

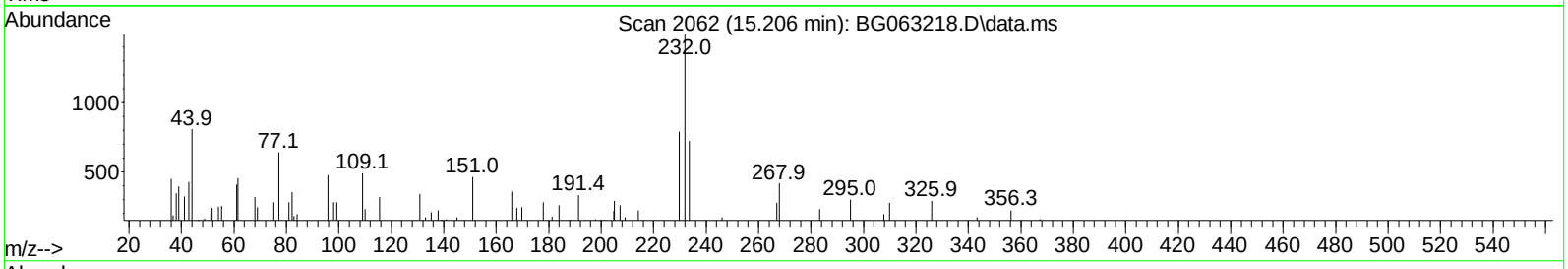

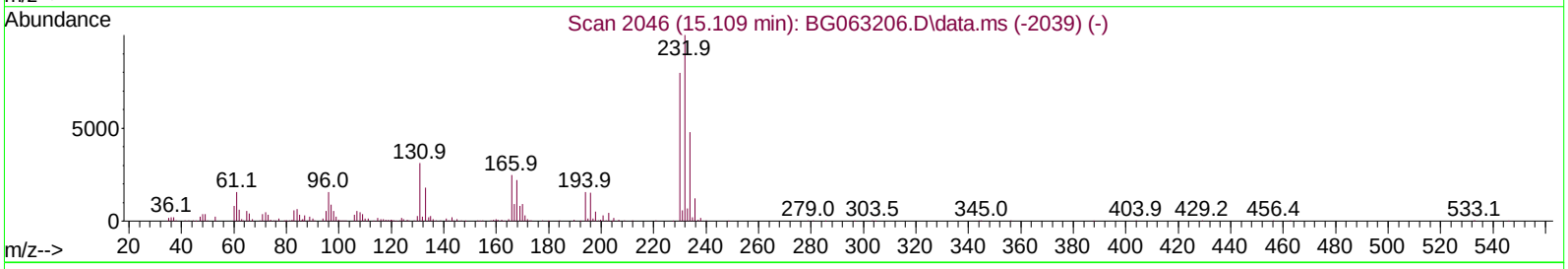

TIC: BG063218.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

15.206min (+ 0.097) 0.09 ng/ul

response 750

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	28.30	23.09
130.00	0.00	0.00
166.00	23.80	24.23

Quantitation Report (Qedit)

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BNA_G
ClientSampleId :
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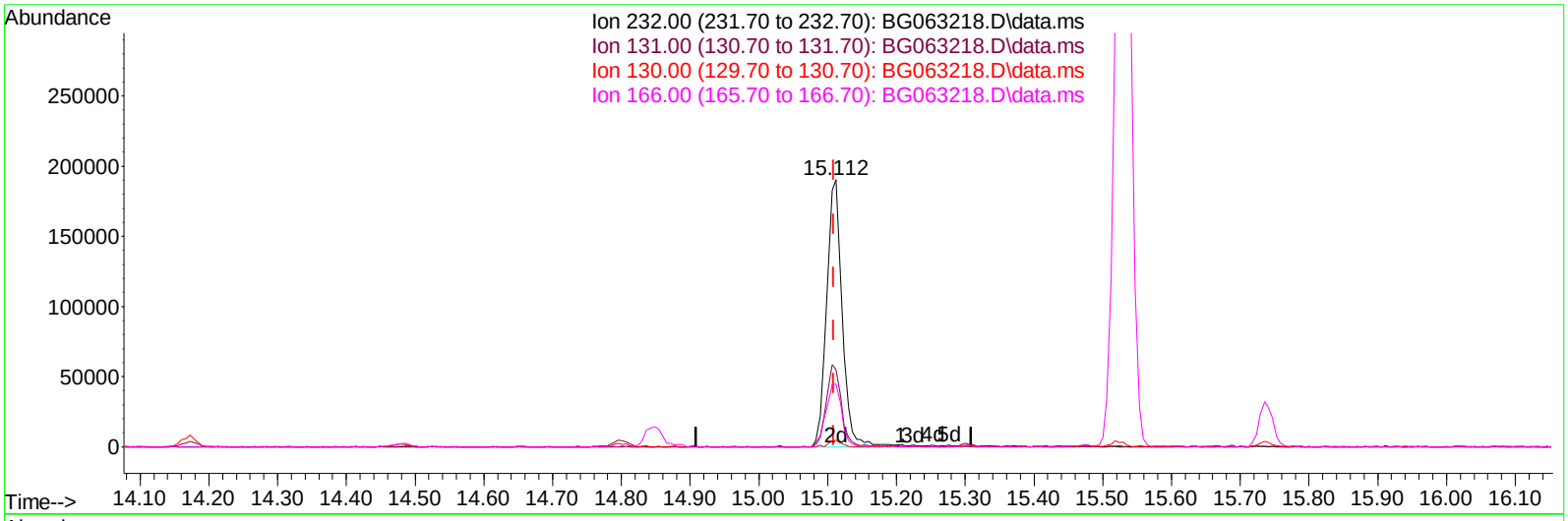

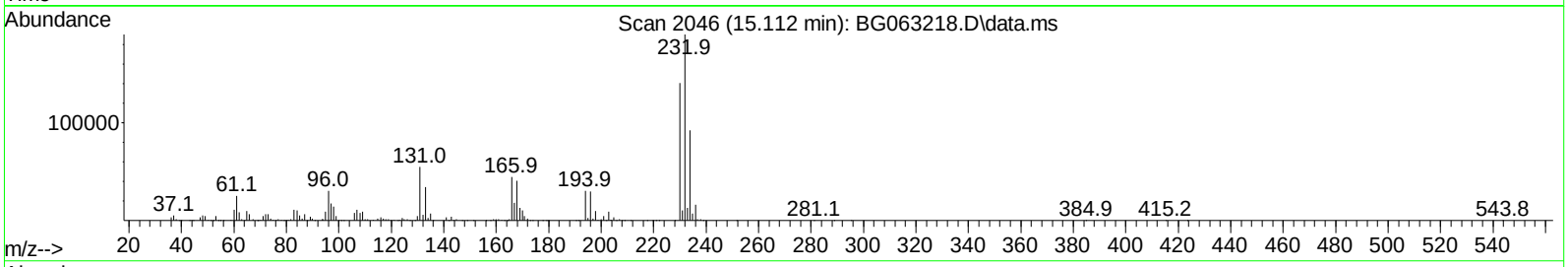

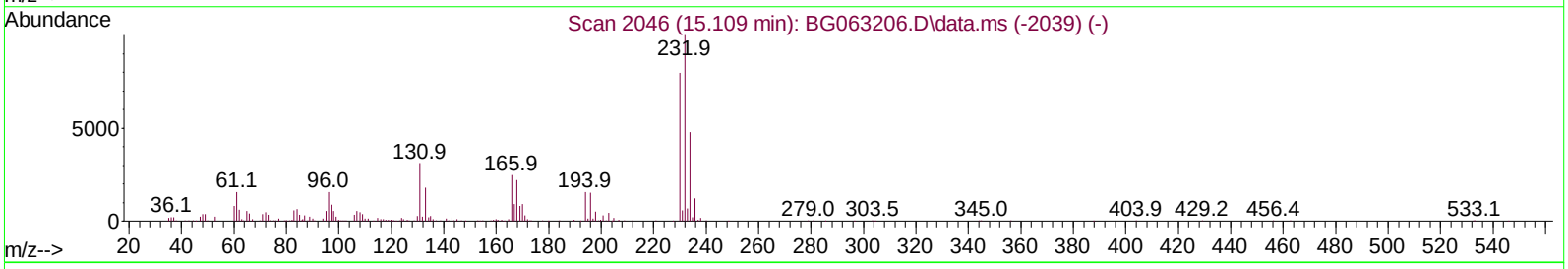

TIC: BG063218.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

15.112min (+ 0.003) 34.14 ng/ul m

response 294762

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	28.30	28.87
130.00	0.00	2.59#
166.00	23.80	23.39

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 08 00:44:47 2024
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BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	88927	20.000	ng/ul	0.00
20) Naphthalene-d8	10.629	136	423776	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.478	164	404056	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	979248	20.000	ng/ul	0.00
79) Chrysene-d12	21.487	240	1023937	20.000	ng/ul	0.00
88) Perylene-d12	24.525	264	1083163	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	8091	4.114	ng/uL	0.00
4) Pyridine-d5	3.708	84	131970	20.303	ng/ul	0.00
7) Phenol-d5	7.016	99	227006	28.290	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	123830	26.309	ng/ul	0.00
11) 2-Chlorophenol-d4	7.374	132	153479	29.468	ng/ul	0.00
15) 4-Methylphenol-d8	8.550	113	193505	28.451	ng/ul	0.00
21) Nitrobenzene-d5	8.996	128	85507	28.701	ng/ul	0.00
24) 2-Nitrophenol-d4	9.719	143	108085	28.070	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.259	165	231838	30.680	ng/ul	0.00
31) 4-Chloroaniline-d4	10.765	131	240593	24.444	ng/ul	0.00
46) Dimethylphthalate-d6	13.884	166	767947	24.264	ng/ul	0.00
49) Acenaphthylene-d8	14.172	160	874393	28.226	ng/ul	0.00
54) 4-Nitrophenol-d4	14.689	143	105262	24.291	ng/ul	0.00
60) Fluorene-d10	15.477	176	743281	27.826	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.600	200	150937	24.525	ng/ul	0.00
73) Anthracene-d10	17.328	188	1239292	29.446	ng/ul	0.00
81) Pyrene-d10	19.625	212	1542256	30.041	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.319	264	1535793	29.367	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.338	88	24107	9.957	ng/uL#	87
5) Pyridine	3.726	79	188277	28.388	ng/ul	98
6) Benzaldehyde	6.981	77	20291	4.575	ng/ul#	90
8) Phenol	7.040	94	301284	34.454	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.263	93	182856	30.747	ng/ul#	85
12) 2-Chlorophenol	7.410	128	196959	35.353	ng/ul	98
13) 2-Methylphenol	8.285	108	219742	34.402	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.356	45	248122	33.009	ng/ul	98
16) Acetophenone	8.661	105	342650	31.290	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.644	70	190513	29.825	ng/ul#	93
18) 4-Methylphenol	8.614	108	249413	34.339	ng/ul	98
19) Hexachloroethane	8.914	117	81733	36.203	ng/ul	99
22) Nitrobenzene	9.037	77	304329	33.129	ng/ul	96
23) Isophorone	9.560	82	558422	28.802	ng/ul	100
25) 2-Nitrophenol	9.748	139	131808	34.628	ng/ul	89
26) 2,4-Dimethylphenol	9.813	107	272389	32.807	ng/ul#	92
27) Bis(2-Chloroethoxy)met...	10.042	93	289327	30.955	ng/ul	97
29) 2,4-Dichlorophenol	10.283	162	260375	36.550	ng/ul	96
30) Naphthalene	10.682	128	729690	33.652	ng/ul	98
32) 4-Chloroaniline	10.788	127	169513	17.995	ng/ul	98
33) Hexachlorobutadiene	10.970	225	232019	34.030	ng/ul	94
34) Caprolactam	11.546	113	84368m	28.494	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	297181	34.766	ng/ul	93

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ClientSampleId :
A4ED4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.292	142	583449	33.949	ng/ul	99
37) 1-Methylnaphthalene	12.515	142	588699	32.941	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.668	216	500195	35.117	ng/ul	99
40) Hexachlorocyclopentadiene	12.645	237	160742	20.667	ng/ul	94
41) 2,4,6-Trichlorophenol	12.909	196	285034	37.073	ng/ul	94
42) 2,4,5-Trichlorophenol	12.986	196	309239	37.091	ng/ul	92
43) 1,1'-Biphenyl	13.309	154	863378	33.710	ng/ul	99
44) 2-Chloronaphthalene	13.350	162	675140	33.860	ng/ul	100
45) 2-Nitroaniline	13.555	65	226569	33.311	ng/ul	91
47) Dimethylphthalate	13.931	163	876710	28.889	ng/ul	99
48) 2,6-Dinitrotoluene	14.055	165	190395	32.786	ng/ul	95
50) Acenaphthylene	14.202	152	1030818	33.404	ng/ul	99
51) 3-Nitroaniline	14.384	138	174645	34.454	ng/ul	92
52) Acenaphthene	14.543	153	745530	33.755	ng/ul	98
53) 2,4-Dinitrophenol	14.595	184	95423	24.923	ng/ul	93
55) 4-Nitrophenol	14.707	109	173182	30.749	ng/ul	97
56) Dibenzofuran	14.877	168	1110828	32.855	ng/ul	99
57) 2,4-Dinitrotoluene	14.848	165	285976	31.136	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.112	232	294762m	34.137	ng/ul	
59) Diethylphthalate	15.300	149	887837	28.535	ng/ul	99
61) Fluorene	15.530	166	934112	32.644	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.524	204	586778	31.908	ng/ul	97
63) 4-Nitroaniline	15.553	138	188753	36.792	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.618	198	201313	31.520	ng/ul	99
67) N-Nitrosodiphenylamine	15.741	169	794115	36.351	ng/ul	97
68) 4-Bromophenyl-phenylether	16.417	248	405864	36.255	ng/ul	96
69) Hexachlorobenzene	16.540	284	424523	35.596	ng/ul	98
70) Atrazine	16.693	200	384611	32.183	ng/ul	98
71) Pentachlorophenol	16.887	266	205049	34.296	ng/ul	98
72) Phenanthrene	17.275	178	1577612	35.261	ng/ul	98
74) Anthracene	17.363	178	1582009	34.516	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.273	216	502977	39.720	ng/ul	95
76) Pentachlorobenzene	14.801	250	505685	37.448	ng/ul	96
77) Carbazole	17.633	167	1327557	34.887	ng/ul	99
78) Di-n-butylphthalate	18.197	149	1456837	33.657	ng/ul	100
80) Fluoranthene	19.290	202	2003691	36.109	ng/ul#	98
82) Pyrene	19.654	202	2077924	35.328	ng/ul	98
83) Butylbenzylphthalate	20.553	149	651479	37.899	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.387	252	690897	31.379	ng/ul	97
85) Benzo(a)anthracene	21.464	228	2255838	34.830	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.382	149	970295	38.752	ng/ul	99
87) Chrysene	21.528	228	2100175	34.780	ng/ul	98
89) Di-n-octyl phthalate	22.527	149	1614961	37.835	ng/ul	100
90) Benzo(b)fluoranthene	23.567	252	2296049	35.232	ng/ul	99
91) Benzo(k)fluoranthene	23.626	252	2213686	34.102	ng/ul	98
93) Benzo(a)pyrene	24.384	252	2084178	34.574	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.950	276	2608138	35.272	ng/ul	99
95) Dibenzo(a,h)anthracene	28.009	278	2105173	34.921	ng/ul	99
96) Benzo(g,h,i)perylene	29.020	276	1972301	35.180	ng/ul	99

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

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A4ED4MSD

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