Quantitation Report (Qedit)

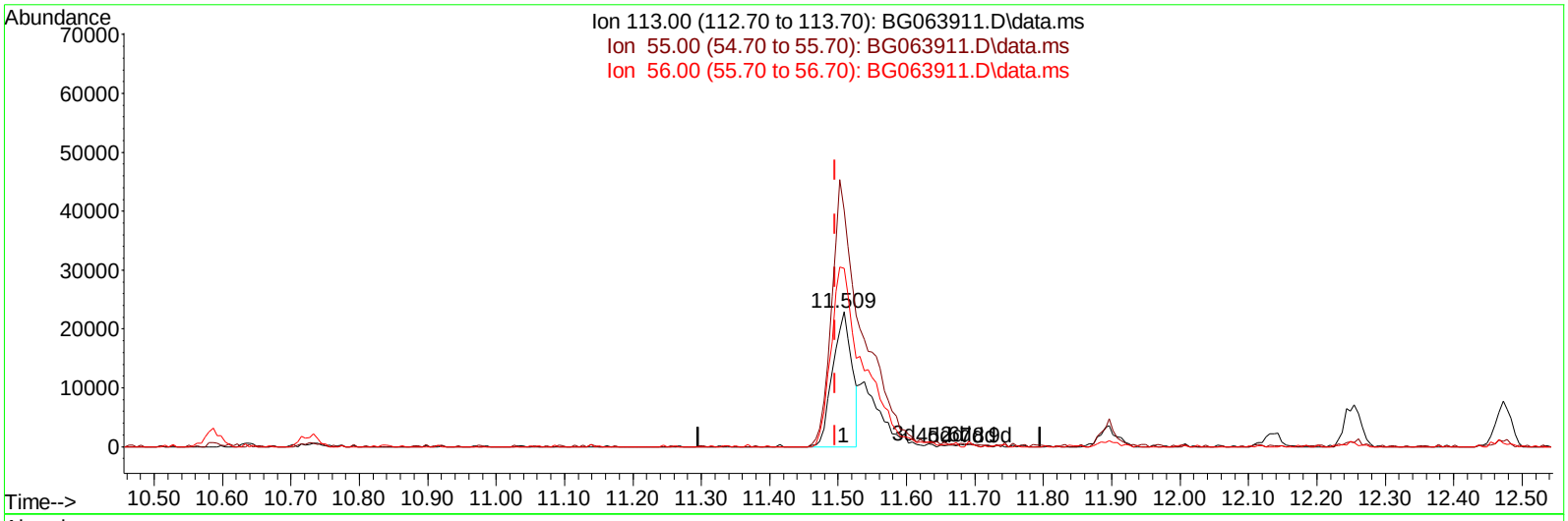
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063911.D
Acq On : 28 Dec 2024 19:45
Operator : RC/JU
Sample : PB165893BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

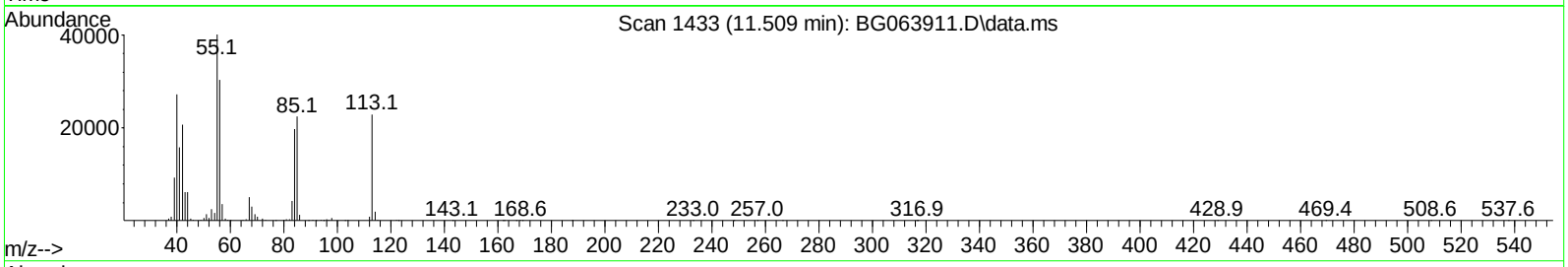
Quant Time: Dec 29 23:26:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

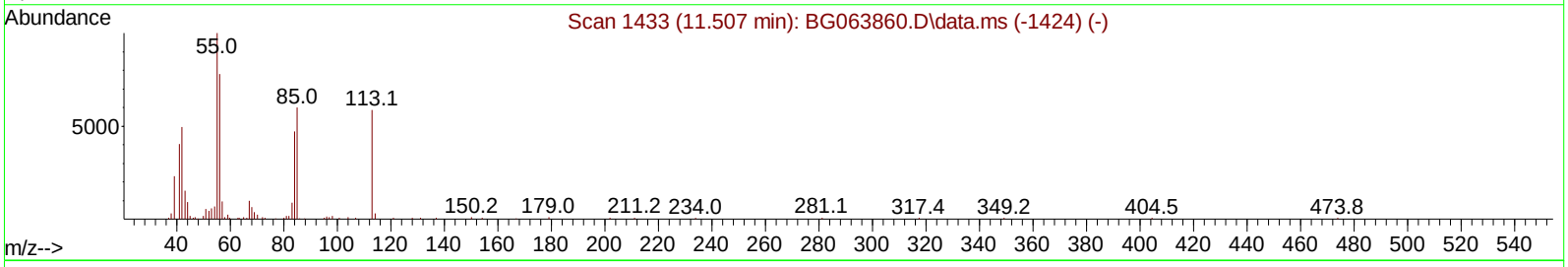
Instrument :
BNA_G
ClientSampleId :
SLCS893

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024







TIC: BG063911.D\data.ms

(34) Caprolactam

11.509min (+ 0.013) 23.68 ng/ul

response 44717

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	175.05
56.00	133.90	132.35
0.00	0.00	0.00

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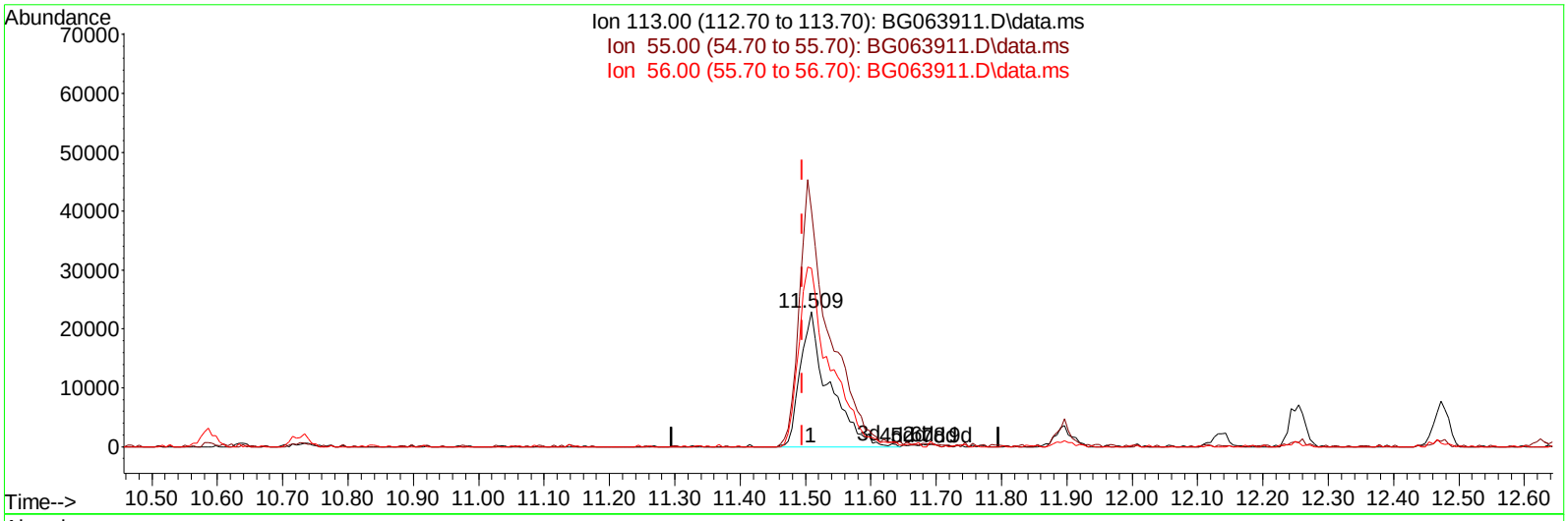

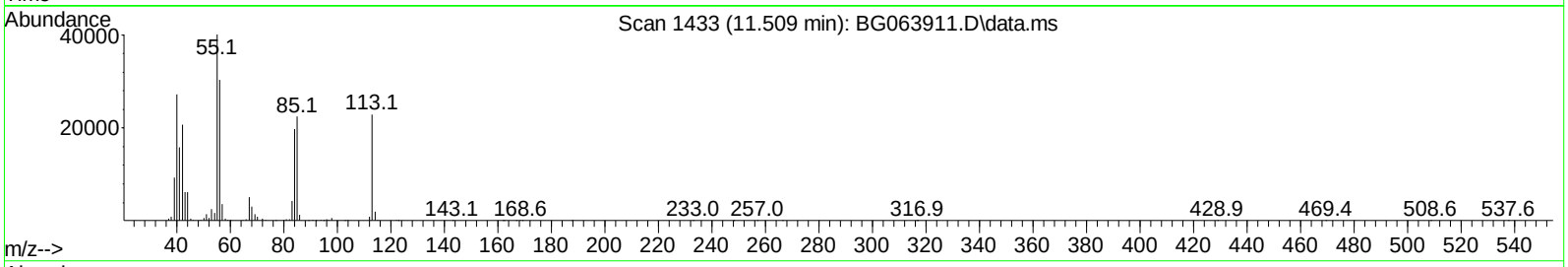

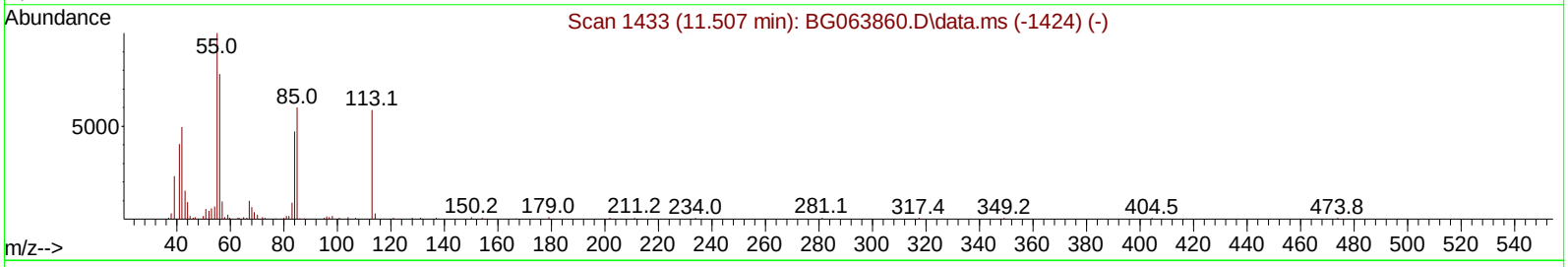

TIC: BG063911.D\data.ms

(34) Caprolactam

11.509min (+ 0.013) 37.02 ng/ul m

response 69907

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	175.05
56.00	133.90	132.35
0.00	0.00	0.00

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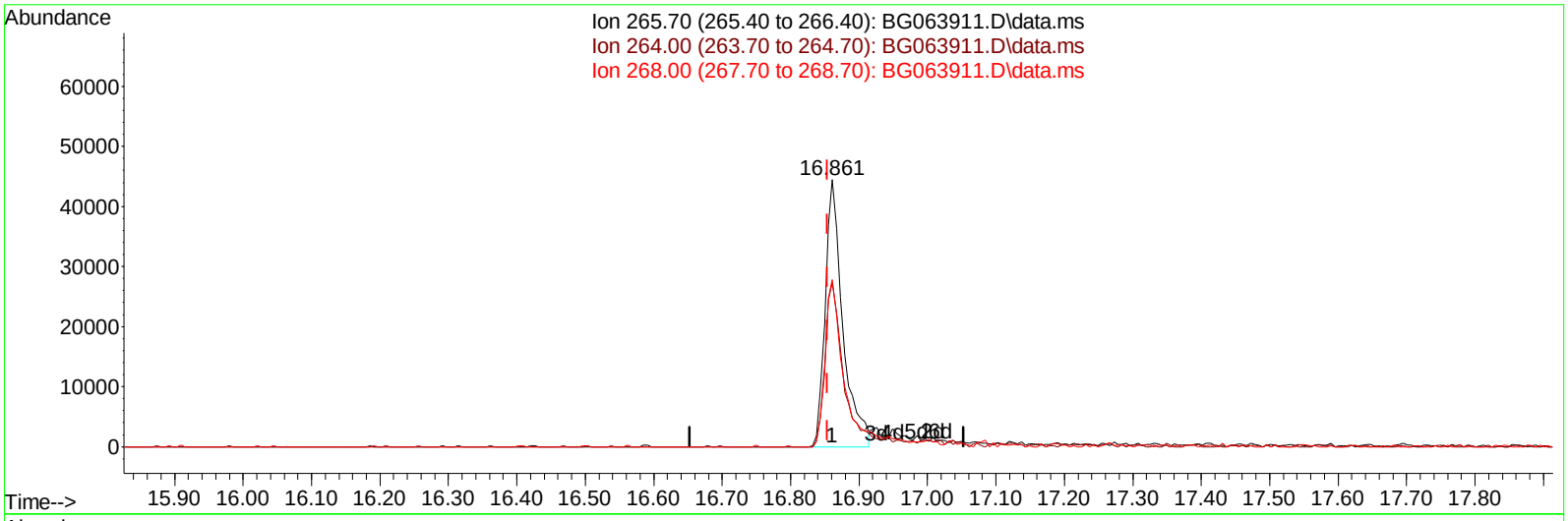

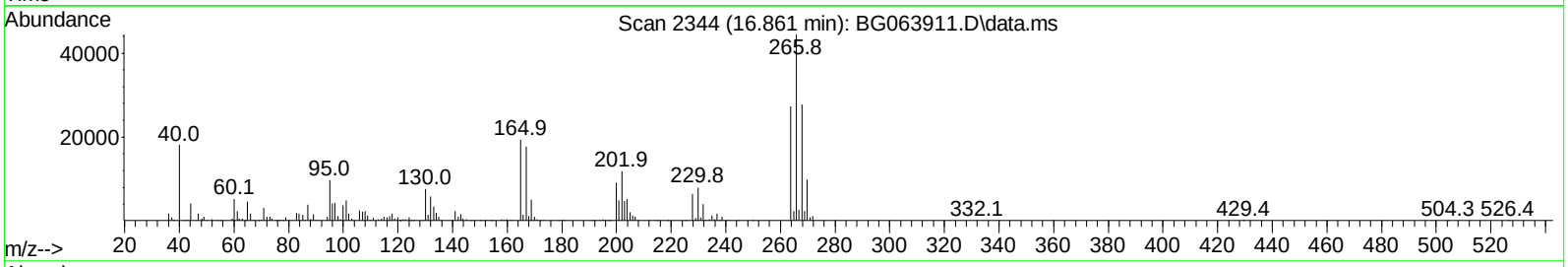

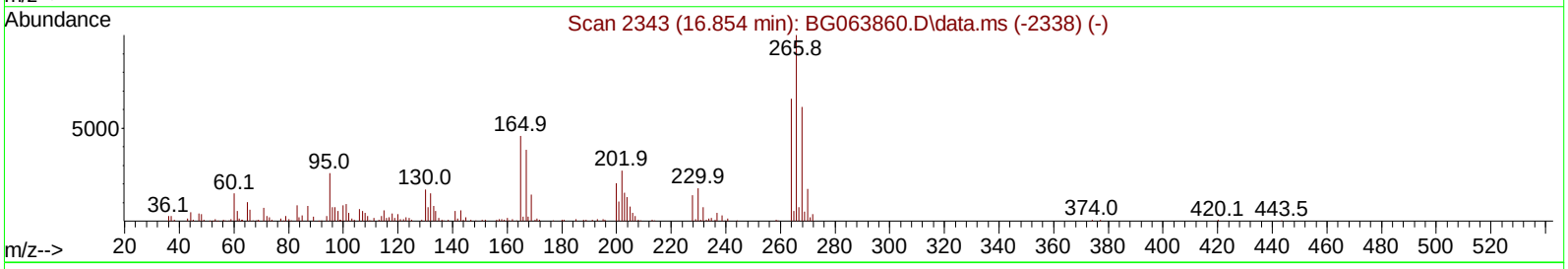

TIC: BG063911.D\data.ms

(71) Pentachlorophenol (C)

16.861min (+ 0.007) 26.70 ng/ul

response 79413

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	61.60	61.36
268.00	63.10	62.68
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 39 Sample Multiplier: 1

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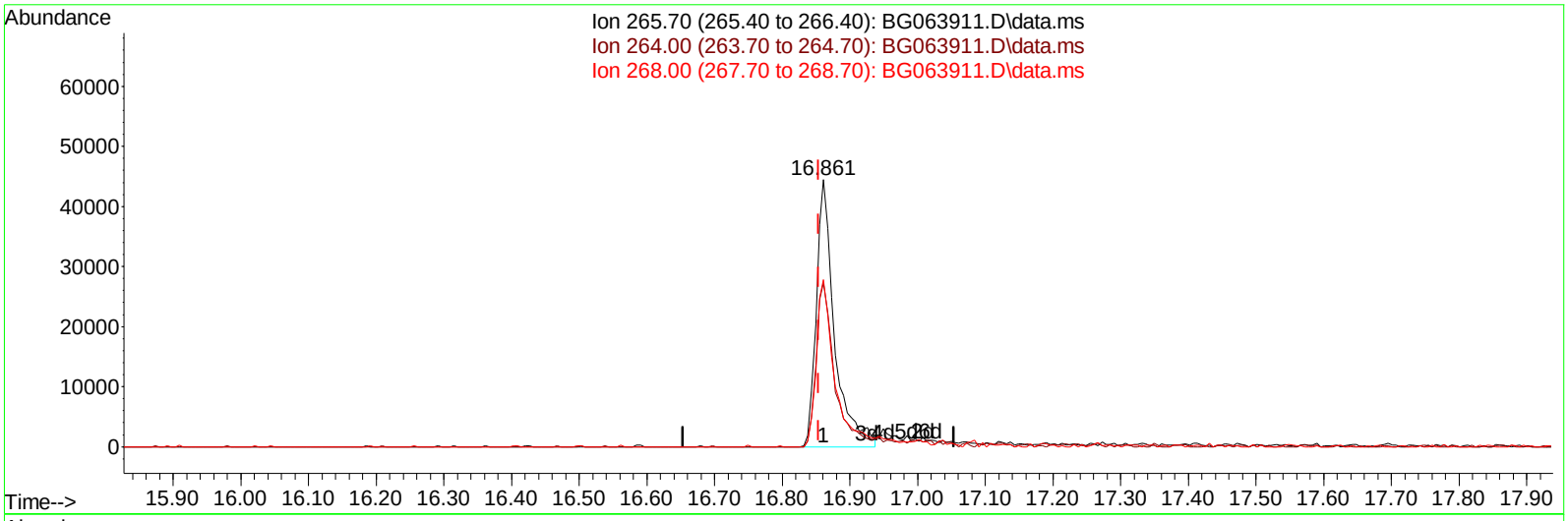

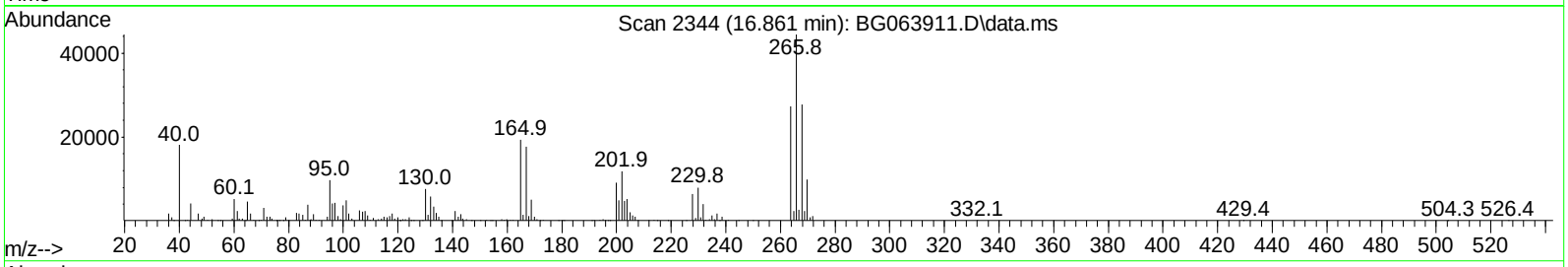

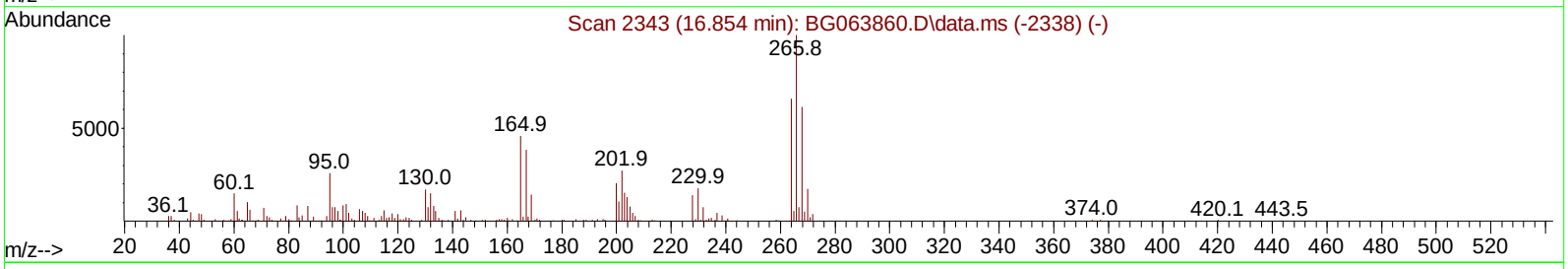

TIC: BG063911.D\data.ms

(71) Pentachlorophenol (C)

16.861min (+ 0.007) 27.81 ng/ul m

response 82700

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	61.60	61.36
268.00	63.10	62.68
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 28 Dec 2024 19:45
Operator : RC/JU
Sample : PB165893BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 30 00:35:32 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	88976	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	354802	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.440	164	257734	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.196	188	617799	20.000	ng/ul	0.00
79) Chrysene-d12	21.450	240	680048	20.000	ng/ul	0.01
88) Perylene-d12	24.470	264	707071	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	16537	7.283	ng/uL	0.00
4) Pyridine-d5	3.671	84	265222	37.029	ng/ul	0.00
7) Phenol-d5	6.984	99	291697	35.596	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.131	67	181627	32.091	ng/ul	0.00
11) 2-Chlorophenol-d4	7.337	132	197133	37.158	ng/ul	0.00
15) 4-Methylphenol-d8	8.518	113	220842	34.712	ng/ul	0.00
21) Nitrobenzene-d5	8.953	128	93504	36.910	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	103507	36.450	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	216259	39.334	ng/ul	0.00
31) 4-Chloroaniline-d4	10.727	131	233027	33.381	ng/ul	0.00
46) Dimethylphthalate-d6	13.847	166	623083	35.528	ng/ul	0.00
49) Acenaphthylene-d8	14.135	160	748581	37.444	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	89847	36.158	ng/ul	0.00
60) Fluorene-d10	15.439	176	571117	36.832	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	77180	24.061	ng/ul	0.01
73) Anthracene-d10	17.296	188	1015729	38.241	ng/ul	0.00
81) Pyrene-d10	19.599	212	1260719	35.626	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.264	264	1254657	37.786	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.289	88	35319	13.144	ng/uL	96
5) Pyridine	3.694	79	276281	36.013	ng/ul	90
6) Benzaldehyde	6.937	77	43816	8.717	ng/ul	91
8) Phenol	7.014	94	305002	34.924	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.225	93	221995	33.223	ng/ul	99
12) 2-Chlorophenol	7.372	128	201668	37.553	ng/ul	93
13) 2-Methylphenol	8.254	108	223638	35.430	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.312	45	329554	33.222	ng/ul	98
16) Acetophenone	8.618	105	344234	31.899	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.600	70	198820	30.878	ng/ul	92
18) 4-Methylphenol	8.583	108	241234	34.919	ng/ul	100
19) Hexachloroethane	8.870	117	87060	32.994	ng/ul	98
22) Nitrobenzene	8.994	77	294276	34.786	ng/ul	95
23) Isophorone	9.517	82	544146	34.043	ng/ul	99
25) 2-Nitrophenol	9.705	139	113447	38.873	ng/ul	91
26) 2,4-Dimethylphenol	9.775	107	251188	37.930	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.999	93	308770	35.715	ng/ul#	93
29) 2,4-Dichlorophenol	10.251	162	216071	39.552	ng/ul	93
30) Naphthalene	10.639	128	634124	35.747	ng/ul	98
32) 4-Chloroaniline	10.751	127	136804	20.597	ng/ul	98
33) Hexachlorobutadiene	10.921	225	144953	32.660	ng/ul	98
34) Caprolactam	11.509	113	69907m	37.019	ng/ul	
35) 4-Chloro-3-methylphenol	11.896	107	232952	36.321	ng/ul	96

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.249	142	437899	34.347	ng/ul	98
37) 1-Methylnaphthalene	12.472	142	449762	34.633	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.631	216	277563	33.641	ng/ul	95
40) Hexachlorocyclopentadiene	12.607	237	48622	14.907	ng/ul	97
41) 2,4,6-Trichlorophenol	12.872	196	178476	38.273	ng/ul	96
42) 2,4,5-Trichlorophenol	12.954	196	183375	37.679	ng/ul	94
43) 1,1'-Biphenyl	13.271	154	612731	36.049	ng/ul	97
44) 2-Chloronaphthalene	13.312	162	490365	35.927	ng/ul	96
45) 2-Nitroaniline	13.524	65	176282	38.558	ng/ul	92
47) Dimethylphthalate	13.894	163	623578	35.478	ng/ul	99
48) 2,6-Dinitrotoluene	14.023	165	128716	39.432	ng/ul#	89
50) Acenaphthylene	14.164	152	792117	36.952	ng/ul	98
51) 3-Nitroaniline	14.352	138	123391	40.884	ng/ul	92
52) Acenaphthene	14.505	153	545010	35.871	ng/ul	97
53) 2,4-Dinitrophenol	14.581	184	25393	15.222	ng/ul	90
55) 4-Nitrophenol	14.693	109	83399	32.323	ng/ul	90
56) Dibenzofuran	14.840	168	797227	37.218	ng/ul	95
57) 2,4-Dinitrotoluene	14.816	165	191341	39.448	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.081	232	160240	38.197	ng/ul#	95
59) Diethylphthalate	15.263	149	616367	36.275	ng/ul	98
61) Fluorene	15.492	166	630452	36.859	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	336086	35.270	ng/ul	93
63) 4-Nitroaniline	15.522	138	142540	47.176	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.592	198	81106	24.544	ng/ul#	92
67) N-Nitrosodiphenylamine	15.704	169	537652	35.939	ng/ul	97
68) 4-Bromophenyl-phenylether	16.385	248	224962	35.730	ng/ul	97
69) Hexachlorobenzene	16.509	284	252747	35.829	ng/ul	97
70) Atrazine	16.661	200	234200	37.034	ng/ul	94
71) Pentachlorophenol	16.861	266	82700m	27.805	ng/ul	
72) Phenanthrene	17.237	178	1143015	38.393	ng/ul	99
74) Anthracene	17.331	178	1173946	38.959	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.236	216	280478	34.027	ng/ul	98
76) Pentachlorobenzene	14.769	250	279479	34.225	ng/ul	99
77) Carbazole	17.601	167	1036997	42.514	ng/ul	98
78) Di-n-butylphthalate	18.160	149	1202822	40.833	ng/ul	99
80) Fluoranthene	19.264	202	1446401	35.961	ng/ul	98
82) Pyrene	19.628	202	1561870	36.498	ng/ul	95
83) Butylbenzylphthalate	20.522	149	546868	41.630	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.356	252	452272	36.841	ng/ul	96
85) Benzo(a)anthracene	21.432	228	1541126	36.160	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.344	149	811492	42.467	ng/ul	98
87) Chrysene	21.491	228	1477099	36.364	ng/ul	98
89) Di-n-octyl phthalate	22.478	149	1388260	45.489	ng/ul	100
90) Benzo(b)fluoranthene	23.518	252	1496328	37.234	ng/ul	99
91) Benzo(k)fluoranthene	23.577	252	1556232	38.822	ng/ul	99
93) Benzo(a)pyrene	24.329	252	1408682	37.345	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.884	276	1760812	38.224	ng/ul	98
95) Dibenzo(a,h)anthracene	27.936	278	1412986	38.334	ng/ul	97
96) Benzo(g,h,i)perylene	28.947	276	1380297	37.760	ng/ul	97

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

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