Quantitation Report (Qedit)

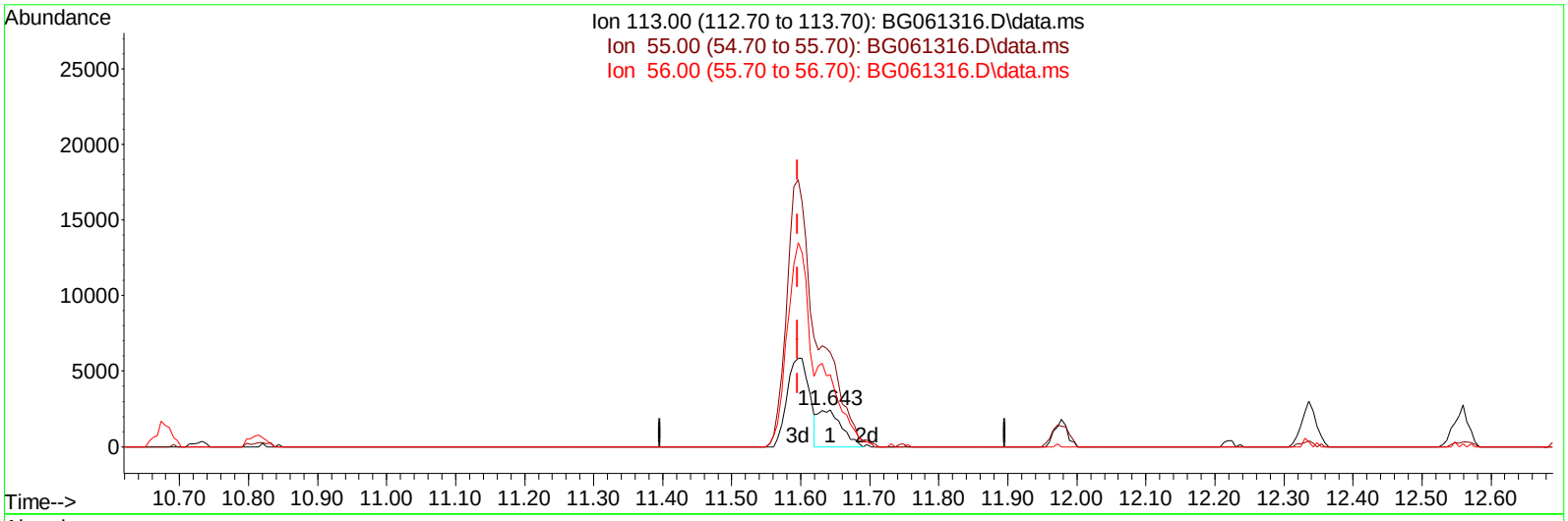
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061316.D
Acq On : 29 May 2024 2:12
Operator : MA/JU
Sample : PB161084BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

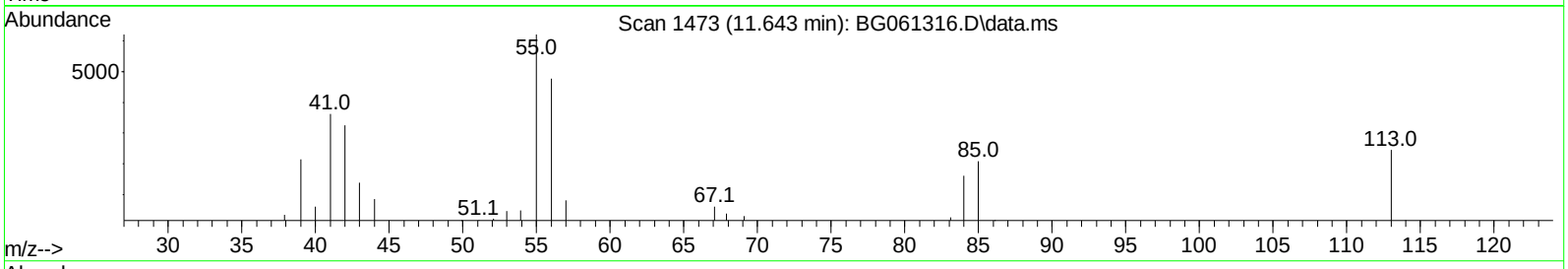
Quant Time: May 29 03:04:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

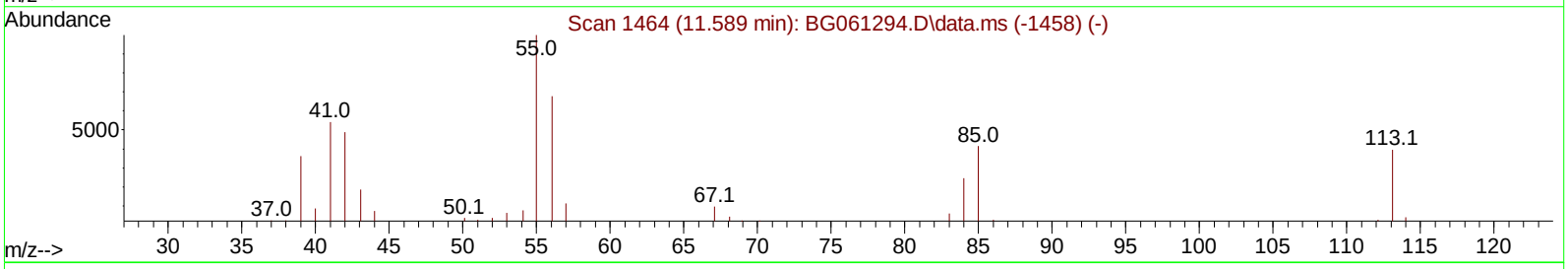
Instrument :
BNA_G
ClientSampleId :
SLCS084

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024







TIC: BG061316.D\data.ms

(34) Caprolactam

11.643min (+ 0.047) 7.58 ng/ul

response 5733

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	248.70	253.31
56.00	188.30	194.94
0.00	0.00	0.00

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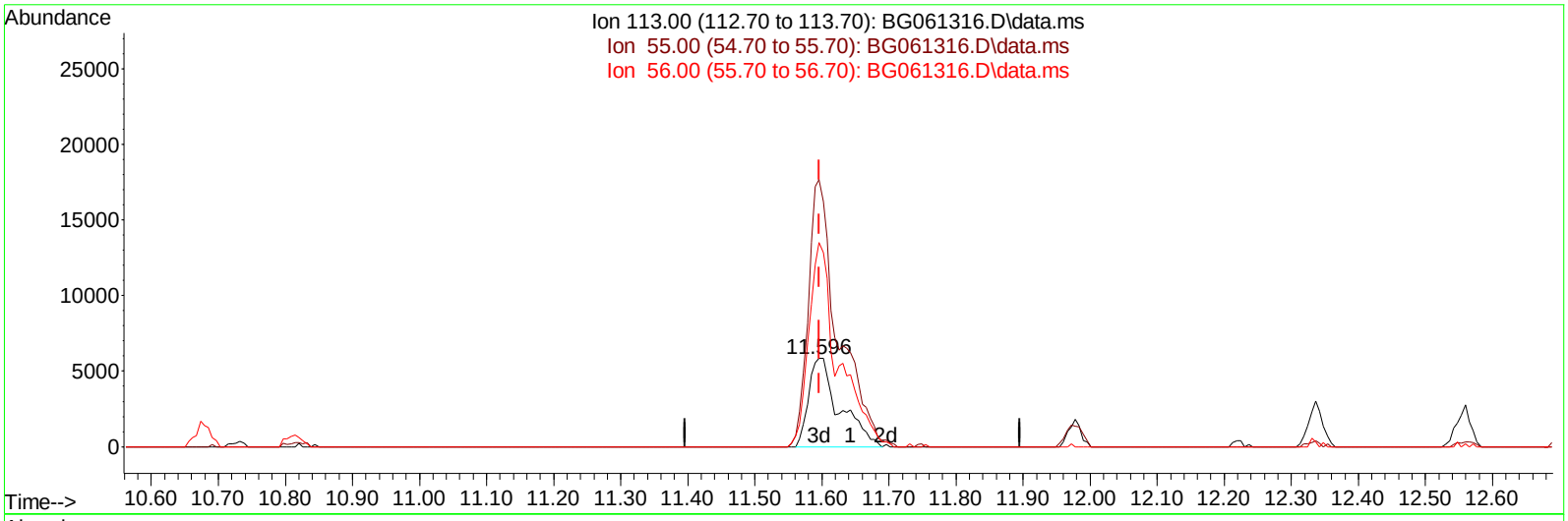

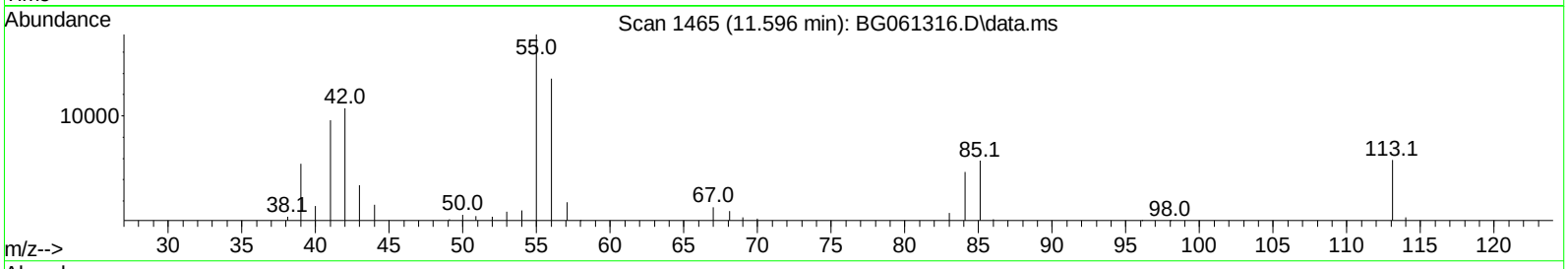

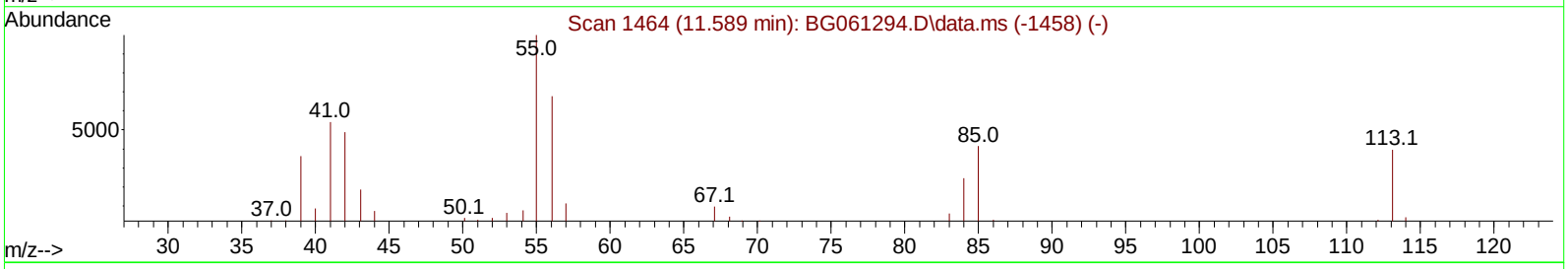

TIC: BG061316.D\data.ms

(34) Caprolactam

11.596min (-0.000) 24.86 ng/ul m

response 18792

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	248.70	302.17#
56.00	188.30	231.20#
0.00	0.00	0.00

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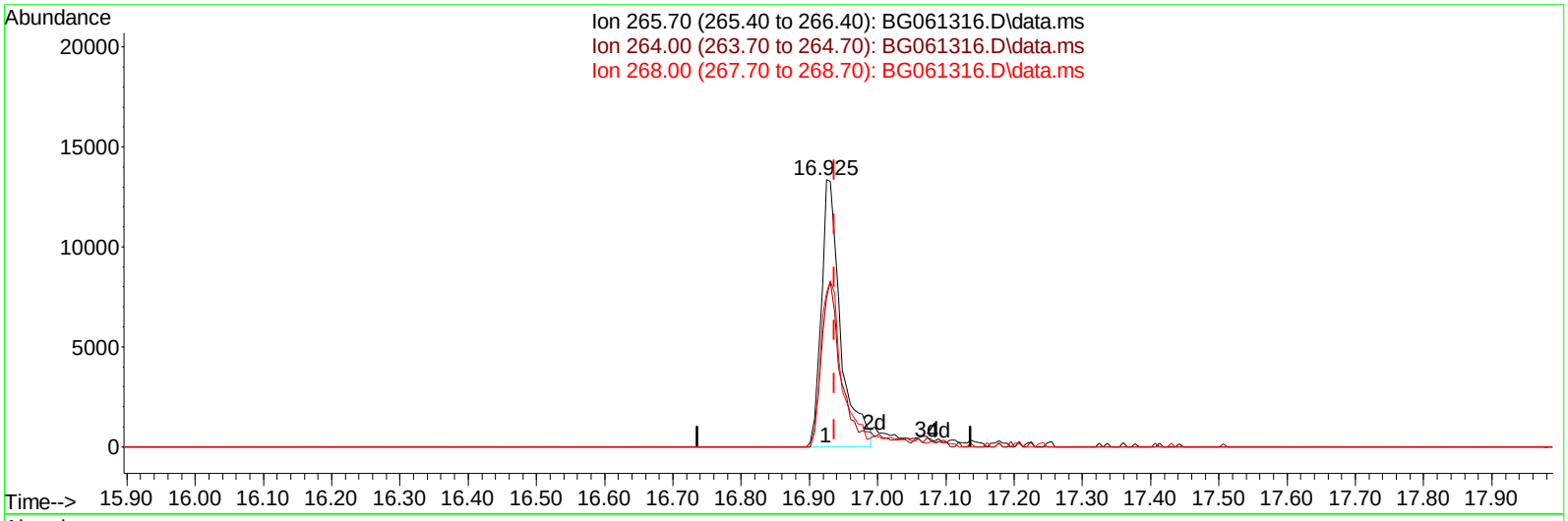

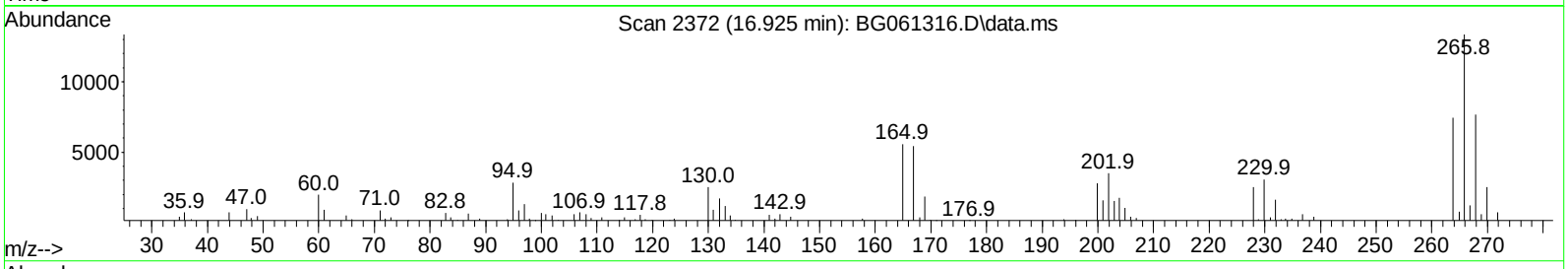

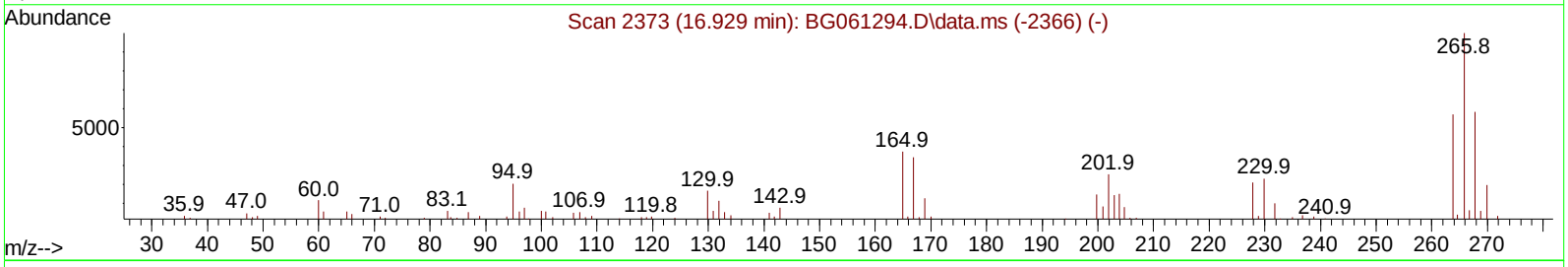

TIC: BG061316.D\data.ms

(71) Pentachlorophenol (C)

16.925min (-0.012) 26.35 ng/ul

response 26283

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	52.40	55.91
268.00	65.80	57.59
0.00	0.00	0.00

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Quant Time: May 29 03:04:41 2024
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Instrument :
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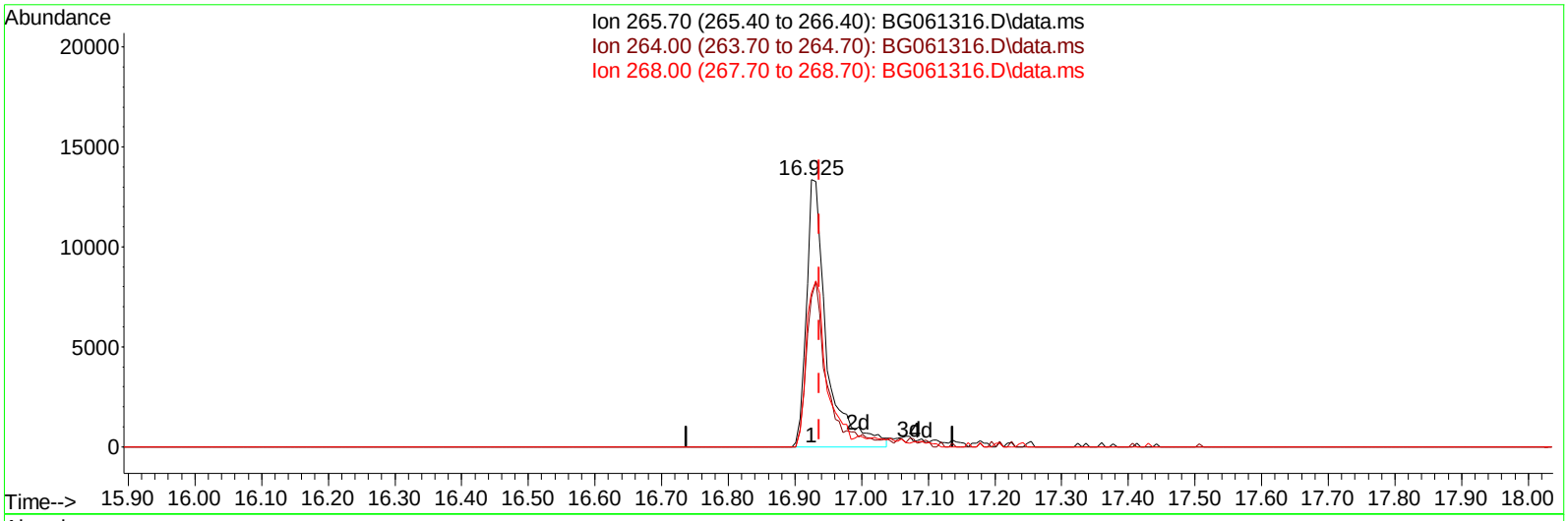

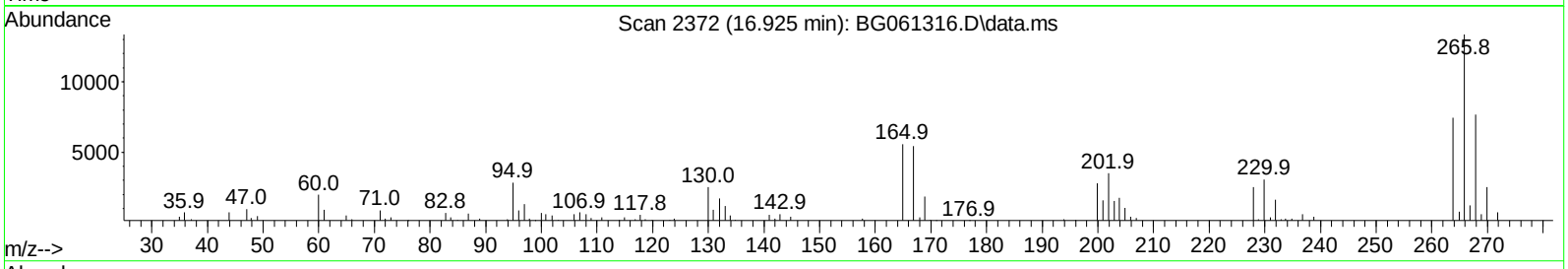

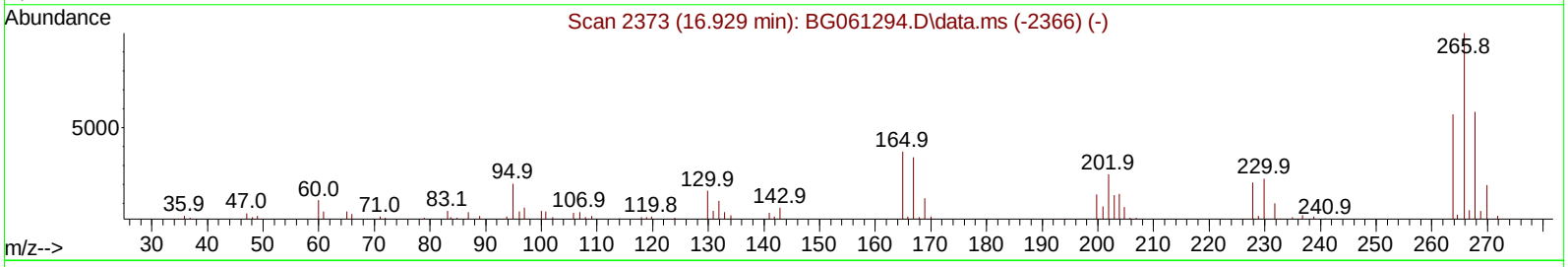

TIC: BG061316.D\data.ms

(71) Pentachlorophenol (C)

16.925min (-0.012) 28.13 ng/ul m

response 28061

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	52.40	55.91
268.00	65.80	57.59
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 29 May 2024 2:12
Operator : MA/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 29 03:29:58 2024
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	28280	20.000	ng/ul	0.00
20) Naphthalene-d8	10.679	136	122133	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	97609	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.266	188	217637	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.520	240	223921	20.000	ng/ul	0.00
88) Perylene-d12	24.598	264	252147	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	3404	6.736	ng/uL	0.00
4) Pyridine-d5	3.746	84	50327	27.994	ng/ul	0.00
7) Phenol-d5	7.060	99	69863	30.083	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	42418	29.059	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	56711	32.996	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	61505	31.059	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	29826	31.718	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	34754	31.580	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	69946	32.601	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	81846	29.159	ng/ul	0.00
46) Dimethylphthalate-d6	13.923	166	218729	28.893	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	243225	30.904	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	27451	29.330	ng/ul	0.00
60) Fluorene-d10	15.509	176	191785	29.343	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	38857	29.520	ng/ul	0.00
73) Anthracene-d10	17.366	188	301966	31.471	ng/ul	0.00
81) Pyrene-d10	19.657	212	357798	31.120	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.393	264	387286	31.949	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	6669	10.995	ng/uL	87
5) Pyridine	3.764	79	48979	27.545	ng/ul	96
6) Benzaldehyde	7.025	77	41424	34.113	ng/ul	91
8) Phenol	7.089	94	70854	29.944	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.307	93	48278	27.893	ng/ul	93
12) 2-Chlorophenol	7.454	128	56473	31.091	ng/ul	94
13) 2-Methylphenol	8.335	108	52590	28.678	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.411	45	124216	26.574	ng/ul#	98
16) Acetophenone	8.699	105	93380	27.630	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.688	70	48657	26.184	ng/ul	95
18) 4-Methylphenol	8.664	108	60258	29.657	ng/ul	90
19) Hexachloroethane	8.964	117	24417	30.212	ng/ul	91
22) Nitrobenzene	9.081	77	71890	27.874	ng/ul	98
23) Isophorone	9.604	82	136003	25.923	ng/ul	97
25) 2-Nitrophenol	9.792	139	35722	29.905	ng/ul	99
26) 2,4-Dimethylphenol	9.857	107	58700	24.801	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.086	93	73131	27.808	ng/ul	99
29) 2,4-Dichlorophenol	10.339	162	62665	31.711	ng/ul	93
30) Naphthalene	10.726	128	192824	29.912	ng/ul	100
32) 4-Chloroaniline	10.838	127	69799	25.023	ng/ul	94
33) Hexachlorobutadiene	11.014	225	59400	30.753	ng/ul	96
34) Caprolactam	11.596	113	18792m	24.857	ng/ul	
35) 4-Chloro-3-methylphenol	11.978	107	69870	27.352	ng/ul	99

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SLCS084

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 05/30/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.336	142	137774	29.471 ng/ul	95
37) 1-Methylnaphthalene	12.554	142	139990	29.179 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.706	216	108817	33.767 ng/ul	97
40) Hexachlorocyclopentadiene	12.683	237	22437	15.425 ng/ul#	98
41) 2,4,6-Trichlorophenol	12.953	196	60497	33.328 ng/ul	93
42) 2,4,5-Trichlorophenol	13.035	196	63276	33.102 ng/ul	97
43) 1,1'-Biphenyl	13.347	154	197468	31.286 ng/ul	96
44) 2-Chloronaphthalene	13.388	162	155301	31.266 ng/ul	99
45) 2-Nitroaniline	13.594	65	56646	27.632 ng/ul	97
47) Dimethylphthalate	13.970	163	212469	26.928 ng/ul	98
48) 2,6-Dinitrotoluene	14.093	165	44445	28.724 ng/ul	97
50) Acenaphthylene	14.240	152	251147	28.777 ng/ul	99
51) 3-Nitroaniline	14.422	138	41041	30.563 ng/ul	99
52) Acenaphthene	14.581	153	167279	29.219 ng/ul	99
53) 2,4-Dinitrophenol	14.645	184	19584	23.868 ng/ul	93
55) 4-Nitrophenol	14.757	109	29838	27.115 ng/ul	98
56) Dibenzofuran	14.916	168	241714	29.529 ng/ul	98
57) 2,4-Dinitrotoluene	14.886	165	64234	27.285 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.151	232	52465	30.093 ng/ul	97
59) Diethylphthalate	15.339	149	202009	25.926 ng/ul	98
61) Fluorene	15.568	166	197070	27.825 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.562	204	117846	28.371 ng/ul	97
63) 4-Nitroaniline	15.591	138	43161	30.860 ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.662	198	39186	28.406 ng/ul	92
67) N-Nitrosodiphenylamine	15.773	169	175043	32.000 ng/ul	99
68) 4-Bromophenyl-phenylether	16.455	248	79697	30.906 ng/ul	99
69) Hexachlorobenzene	16.578	284	87769	30.621 ng/ul	96
70) Atrazine	16.725	200	64593	29.838 ng/ul	97
71) Pentachlorophenol	16.925	266	28061m	28.128 ng/ul	
72) Phenanthrene	17.307	178	313245	29.654 ng/ul	99
74) Anthracene	17.401	178	313980	28.748 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.317	216	104822	36.437 ng/uL	96
76) Pentachlorobenzene	14.839	250	108821	34.213 ng/uL	94
77) Carbazole	17.671	167	268847	30.264 ng/ul	100
78) Di-n-butylphthalate	18.229	149	328101	29.476 ng/ul	99
80) Fluoranthene	19.322	202	408352	29.607 ng/ul	100
82) Pyrene	19.686	202	429558	30.004 ng/ul	99
83) Butylbenzylphthalate	20.574	149	147332	29.956 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.414	252	160469	33.762 ng/ul	98
85) Benzo(a)anthracene	21.496	228	460240	29.788 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.414	149	217361	29.857 ng/ul	99
87) Chrysene	21.561	228	425565	29.913 ng/ul	98
89) Di-n-octyl phthalate	22.571	149	377542	29.929 ng/ul	100
90) Benzo(b)fluoranthene	23.629	252	461588	30.747 ng/ul	98
91) Benzo(k)fluoranthene	23.688	252	444204	29.146 ng/ul	97
93) Benzo(a)pyrene	24.457	252	386330	27.100 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.106	276	532123	30.867 ng/ul	97
95) Dibenzo(a,h)anthracene	28.159	278	437936	30.809 ng/ul	97
96) Benzo(g,h,i)perylene	29.193	276	394767	28.785 ng/ul	98

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

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