Quantitation Report (Qedit)

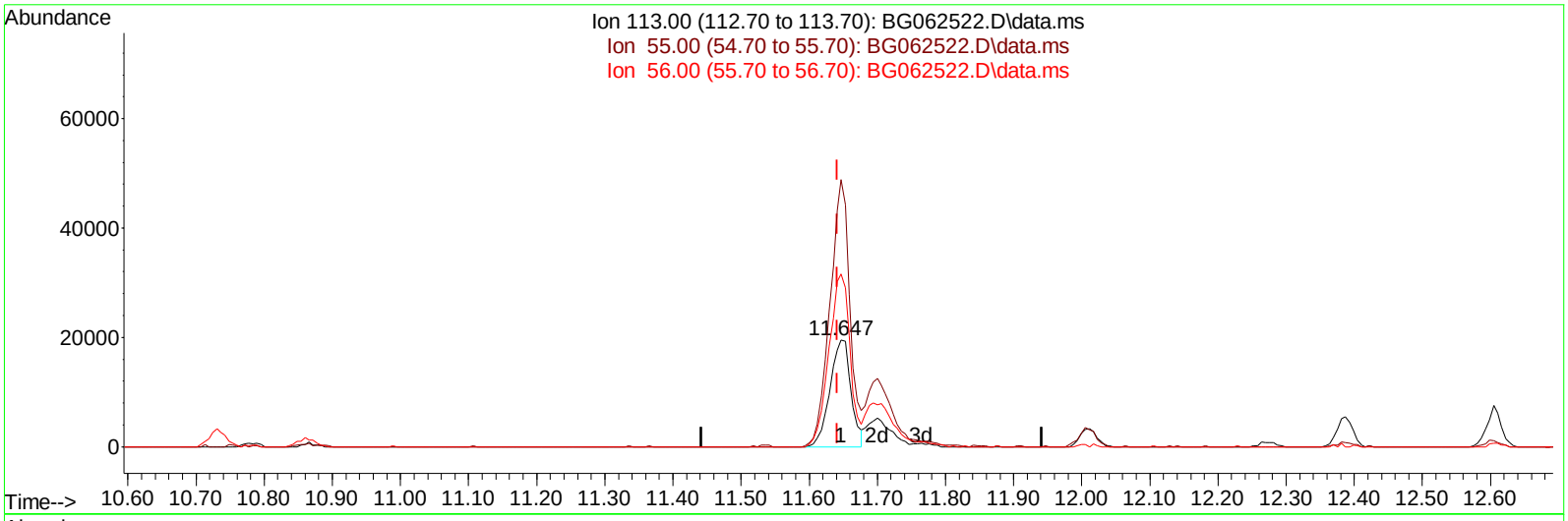
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082124\
Data File : BG062522.D
Acq On : 22 Aug 2024 00:10
Operator : MA/JU
Sample : PB162866BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

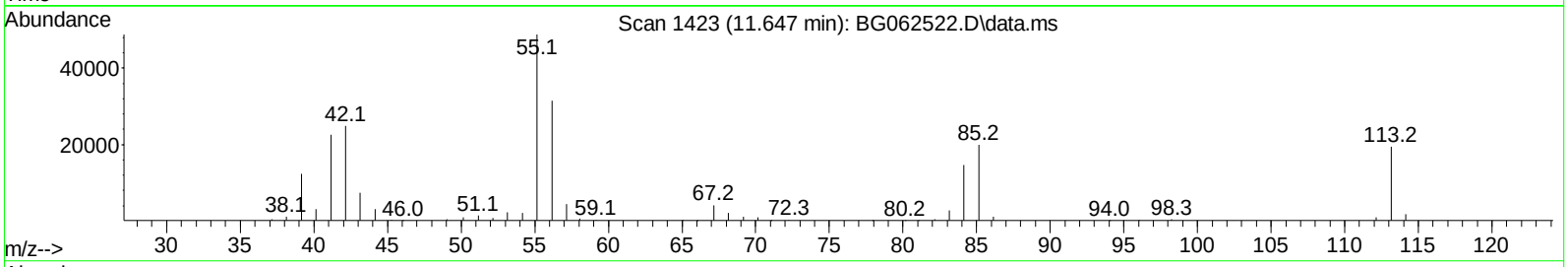
Quant Time: Aug 22 00:57:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

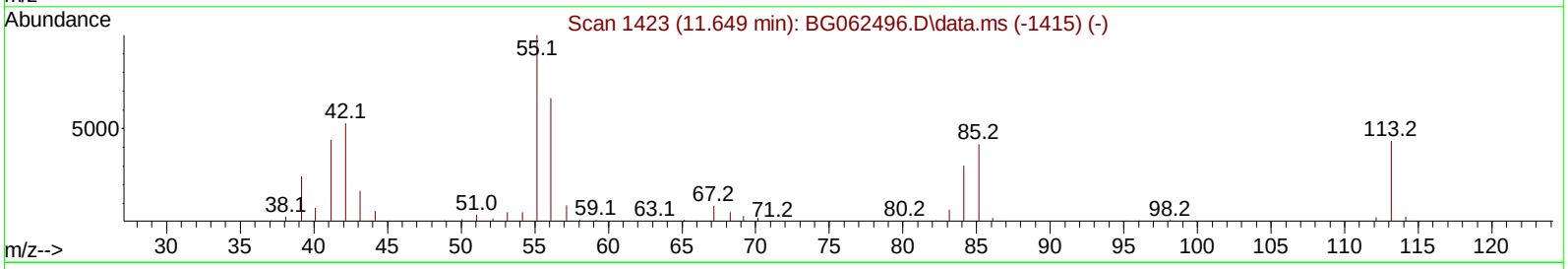
Instrument :
BNA_G
ClientSampleId :
SLCS866

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024







TIC: BG062522.D\data.ms

(34) Caprolactam

11.647min (+ 0.005) 16.71 ng/ul

response 41912

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	250.55
56.00	178.20	161.97
0.00	0.00	0.00

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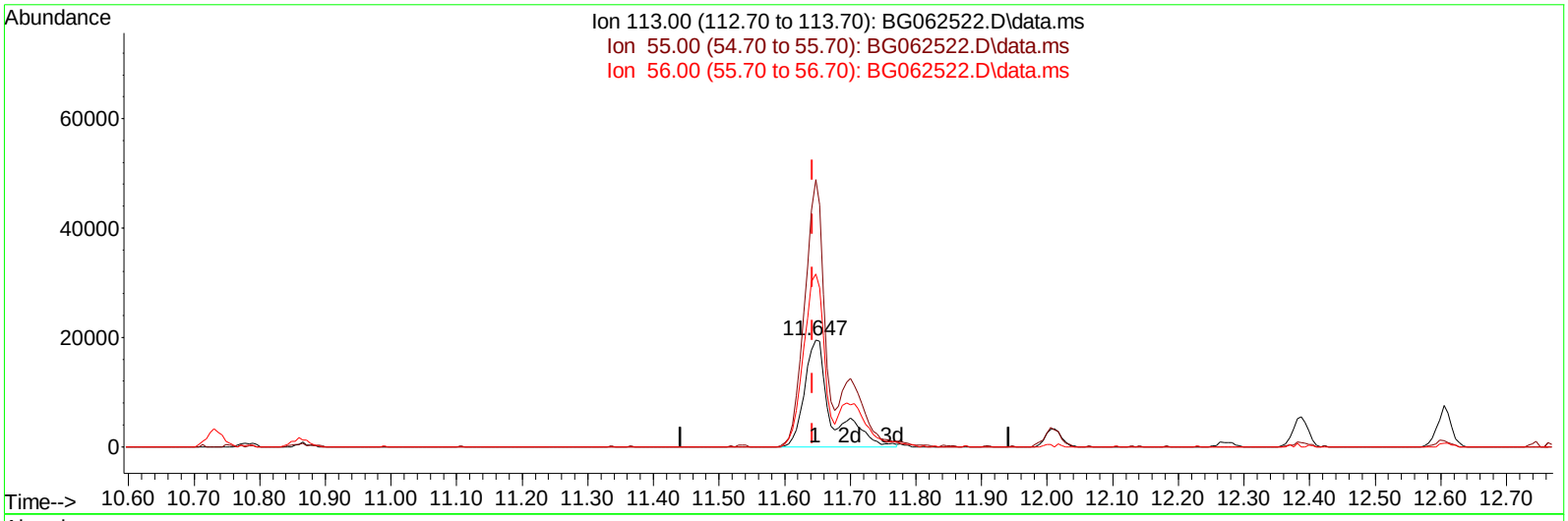

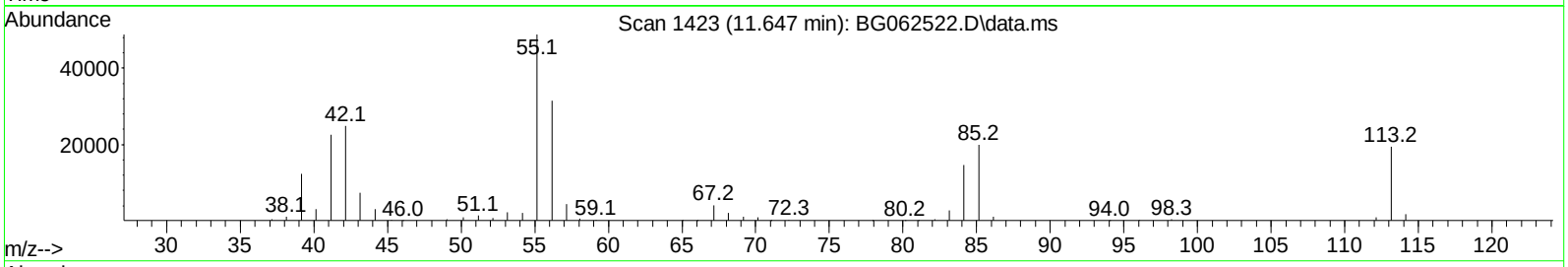

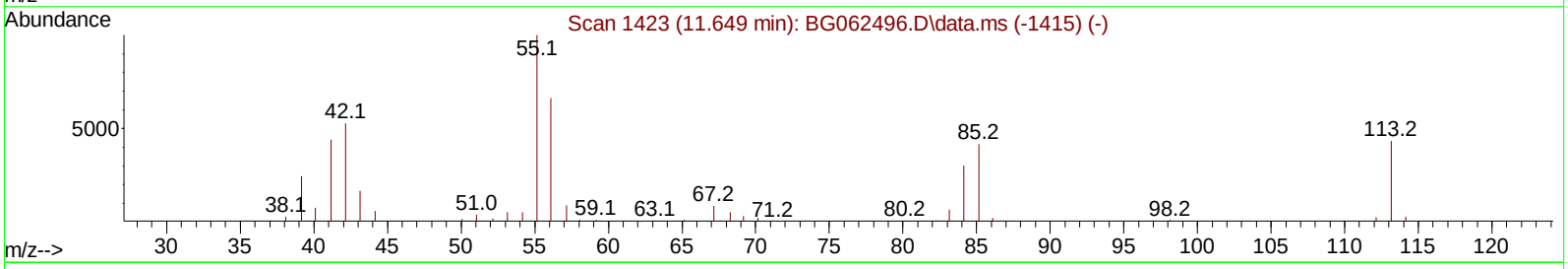

TIC: BG062522.D\data.ms

(34) Caprolactam

11.647min (+ 0.005) 22.07 ng/ul m

response 55347

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	250.55
56.00	178.20	161.97
0.00	0.00	0.00

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ClientSampleId :
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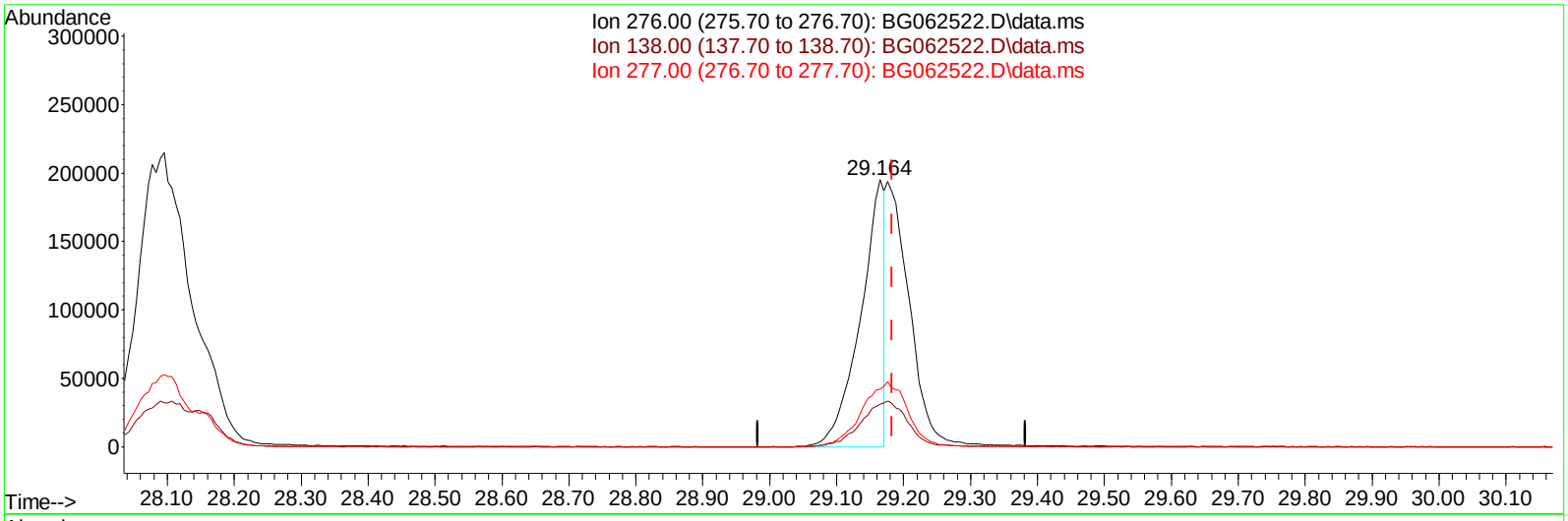

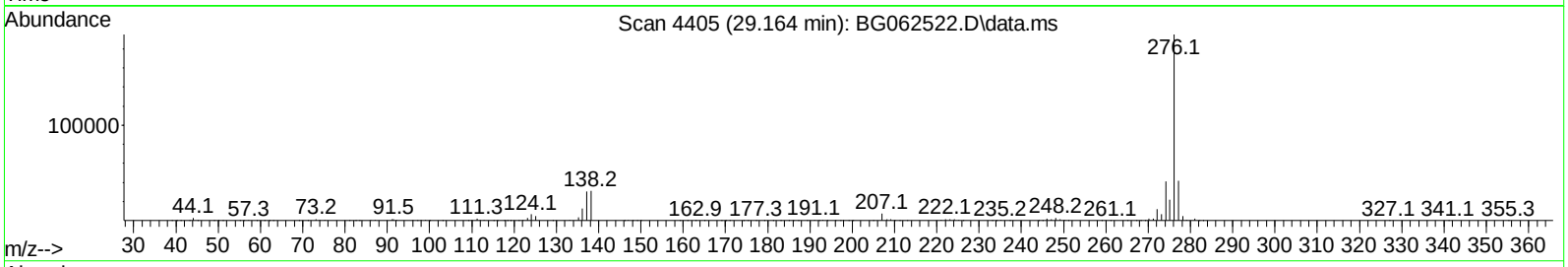

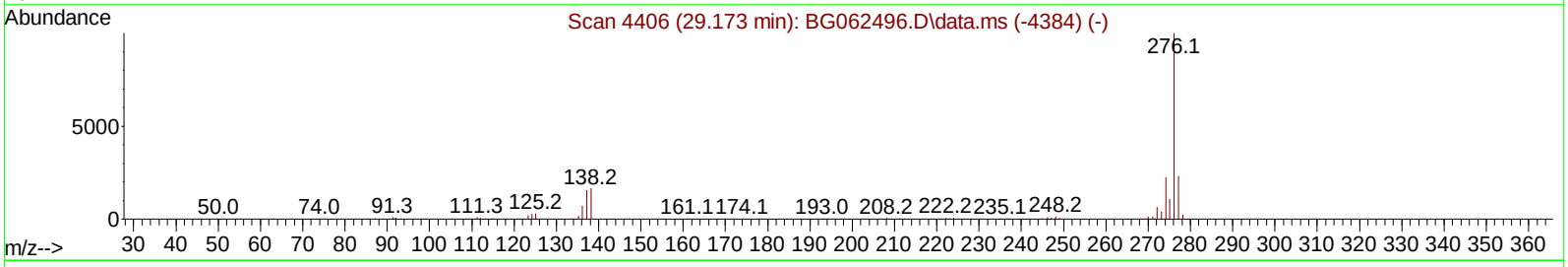

TIC: BG062522.D\data.ms

(96) Benzo(g,h,i)perylene

29.164min (-0.018) 13.29 ng/ul

response 483670

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.80	15.95
277.00	24.40	21.51
0.00	0.00	0.00

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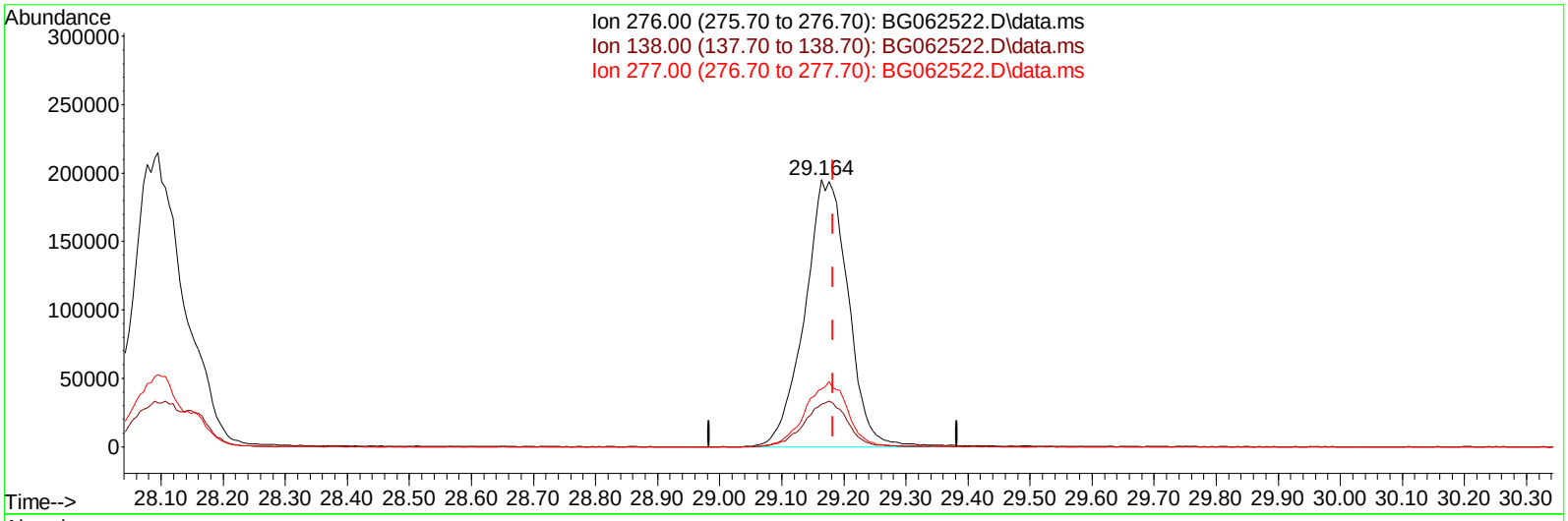

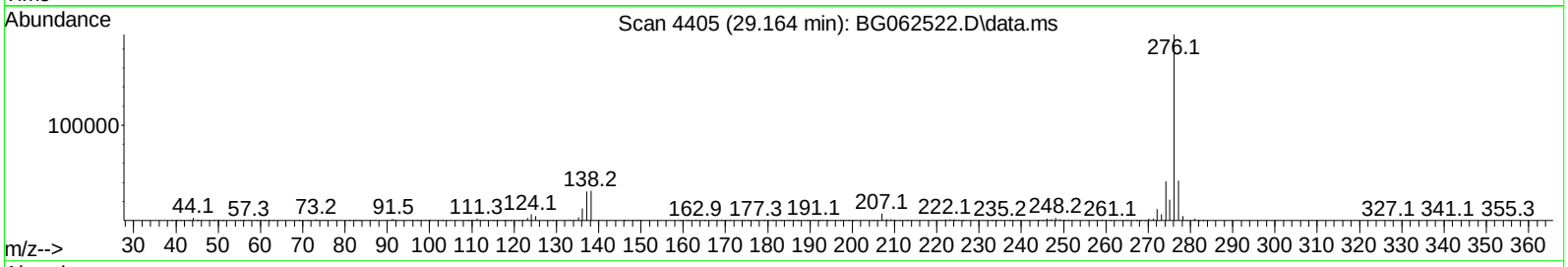

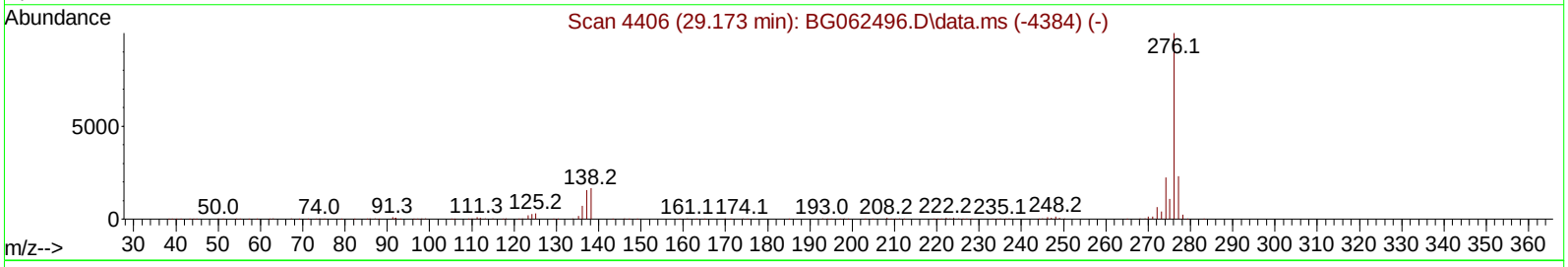

TIC: BG062522.D\data.ms

(96) Benzo(g,h,i)perylene

29.164min (-0.018) 26.10 ng/ul m

response 949773

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.80	15.95
277.00	24.40	21.51
0.00	0.00	0.00

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Quant Time: Aug 22 00:59:12 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	80161	20.000	ng/ul	0.00
20) Naphthalene-d8	10.731	136	372618	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.561	164	283017	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	591870	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	563509	20.000	ng/ul	0.00
88) Perylene-d12	24.618	264	653632	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	10989	5.205	ng/uL	0.00
4) Pyridine-d5	3.811	84	149772	23.279	ng/ul	0.00
7) Phenol-d5	7.100	99	210645	26.415	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.265	67	122561	24.399	ng/ul	0.00
11) 2-Chlorophenol-d4	7.470	132	151858	27.877	ng/ul	0.00
15) 4-Methylphenol-d8	8.645	113	174794	26.149	ng/ul	0.00
21) Nitrobenzene-d5	9.092	128	77326	32.359	ng/ul	0.00
24) 2-Nitrophenol-d4	9.814	143	89423	37.619	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.355	165	176622	29.172	ng/ul	0.00
31) 4-Chloroaniline-d4	10.860	131	204001	21.246	ng/ul	0.00
46) Dimethylphthalate-d6	13.967	166	525795	23.884	ng/ul	0.00
49) Acenaphthylene-d8	14.249	160	606152	24.868	ng/ul	0.00
54) 4-Nitrophenol-d4	14.755	143	92176	26.247	ng/ul	0.00
60) Fluorene-d10	15.548	176	492881	24.823	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.665	200	94134	35.004	ng/ul	0.00
73) Anthracene-d10	17.398	188	728851	25.634	ng/ul	0.00
81) Pyrene-d10	19.683	212	883529	26.772	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.406	264	900175	25.951	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	20029	8.887	ng/uL#	92
5) Pyridine	3.828	79	160912	23.770	ng/ul	93
6) Benzaldehyde	7.077	77	92661	22.414	ng/ul	100
8) Phenol	7.130	94	222646	26.607	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.359	93	152354	24.606	ng/ul	97
12) 2-Chlorophenol	7.505	128	158001	28.041	ng/ul	99
13) 2-Methylphenol	8.375	108	165961	26.357	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.463	45	323481	25.311	ng/ul	99
16) Acetophenone	8.757	105	263103	24.028	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.745	70	138578	23.983	ng/ul	95
18) 4-Methylphenol	8.704	108	186736	25.891	ng/ul	98
19) Hexachloroethane	9.021	117	59510	26.543	ng/ul	93
22) Nitrobenzene	9.133	77	200607	29.720	ng/ul	100
23) Isophorone	9.661	82	392106	24.598	ng/ul	99
25) 2-Nitrophenol	9.844	139	94649	35.640	ng/ul	98
26) 2,4-Dimethylphenol	9.902	107	159802	22.065	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.137	93	226049	25.494	ng/ul	99
29) 2,4-Dichlorophenol	10.378	162	176071	28.319	ng/ul	100
30) Naphthalene	10.783	128	547657	25.342	ng/ul	99
32) 4-Chloroaniline	10.883	127	181608	19.455	ng/ul	99
33) Hexachlorobutadiene	11.071	225	118854	25.148	ng/ul	97
34) Caprolactam	11.647	113	55347m	22.071	ng/ul	
35) 4-Chloro-3-methylphenol	12.011	107	195478	26.869	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.387	142	383262	25.113	ng/ul	99
37) 1-Methylnaphthalene	12.604	142	386277	24.807	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.757	216	240875	25.487	ng/ul	98
40) Hexachlorocyclopentadiene	12.740	237	71661	14.793	ng/ul	97
41) 2,4,6-Trichlorophenol	12.992	196	135999	25.015	ng/ul	94
42) 2,4,5-Trichlorophenol	13.063	196	153644	26.918	ng/ul	98
43) 1,1'-Biphenyl	13.392	154	544512	25.395	ng/ul	99
44) 2-Chloronaphthalene	13.439	162	425198	25.627	ng/ul	99
45) 2-Nitroaniline	13.633	65	139931	32.562	ng/ul	99
47) Dimethylphthalate	14.014	163	533696	23.912	ng/ul	100
48) 2,6-Dinitrotoluene	14.132	165	106499	33.410	ng/ul#	94
50) Acenaphthylene	14.285	152	675843	25.897	ng/ul	99
51) 3-Nitroaniline	14.455	138	105841	29.142	ng/ul	95
52) Acenaphthene	14.625	153	477125	24.429	ng/ul	98
53) 2,4-Dinitrophenol	14.661	184	63084	31.375	ng/ul	93
55) 4-Nitrophenol	14.766	109	77017	25.549	ng/ul	95
56) Dibenzofuran	14.960	168	666649	24.264	ng/ul	99
57) 2,4-Dinitrotoluene	14.913	165	156669	32.287	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.183	232	119207	21.722	ng/ul#	98
59) Diethylphthalate	15.383	149	531515	23.863	ng/ul	98
61) Fluorene	15.606	166	519789	24.003	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.600	204	269431	24.211	ng/ul	97
63) 4-Nitroaniline	15.618	138	107666	28.361	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.683	198	98402	32.475	ng/ul#	96
67) N-Nitrosodiphenylamine	15.812	169	463053	26.988	ng/ul	99
68) 4-Bromophenyl-phenylether	16.493	248	183945	27.693	ng/ul	94
69) Hexachlorobenzene	16.611	284	207636	26.831	ng/ul	98
70) Atrazine	16.752	200	9435	1.319	ng/ul	95
71) Pentachlorophenol	16.952	266	96694	21.411	ng/ul	97
72) Phenanthrene	17.339	178	850326	25.568	ng/ul	99
74) Anthracene	17.433	178	855827	25.121	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.356	216	241579	28.552	ng/ul	99
76) Pentachlorobenzene	14.878	250	236529	26.650	ng/ul	98
77) Carbazole	17.698	167	717184	25.061	ng/ul	98
78) Di-n-butylphthalate	18.267	149	883857	25.817	ng/ul	99
80) Fluoranthene	19.348	202	1009560	27.383	ng/ul	100
82) Pyrene	19.712	202	1047883	26.370	ng/ul	99
83) Butylbenzylphthalate	20.600	149	386013	28.839	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.440	252	345886	28.123	ng/ul	100
85) Benzo(a)anthracene	21.522	228	1086034	26.553	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.440	149	560880	28.680	ng/ul	100
87) Chrysene	21.586	228	1020546	26.319	ng/ul	97
89) Di-n-octyl phthalate	22.609	149	982048	28.172	ng/ul	100
90) Benzo(b)fluoranthene	23.642	252	1034035	26.188	ng/ul	99
91) Benzo(k)fluoranthene	23.707	252	1069012	26.822	ng/ul	99
93) Benzo(a)pyrene	24.471	252	945042	25.387	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.095	276	1216004	25.701	ng/ul	99
95) Dibenzo(a,h)anthracene	28.154	278	996223	25.977	ng/ul	97
96) Benzo(g,h,i)perylene	29.164	276	949773m	26.102	ng/ul	

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

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