Quantitation Report (Qedit)

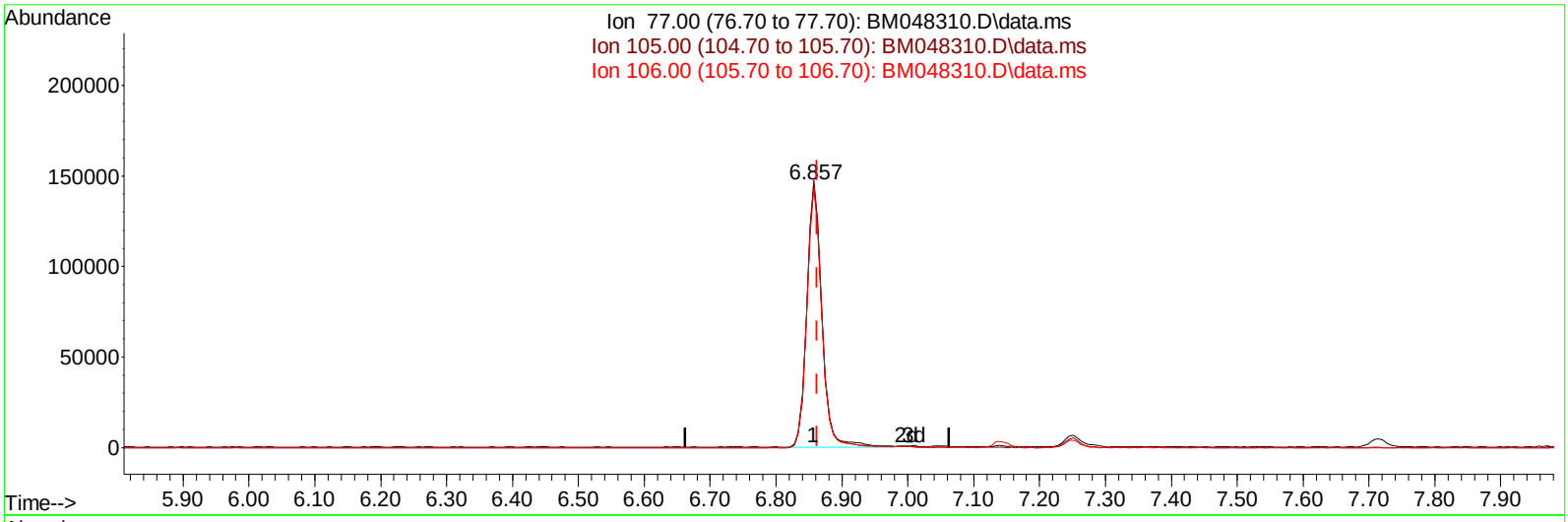
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048310.D
Acq On : 30 Oct 2024 06:29
Operator : RC/JU
Sample : P4558-09MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

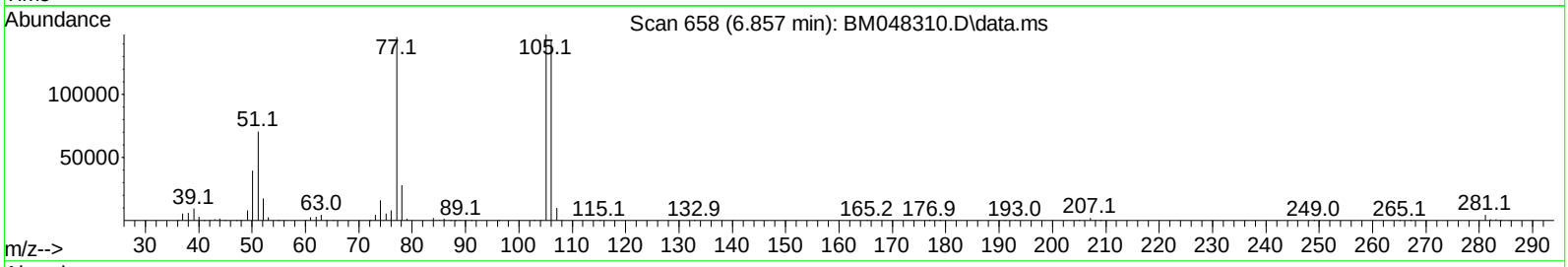
Quant Time: Oct 30 07:04:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration

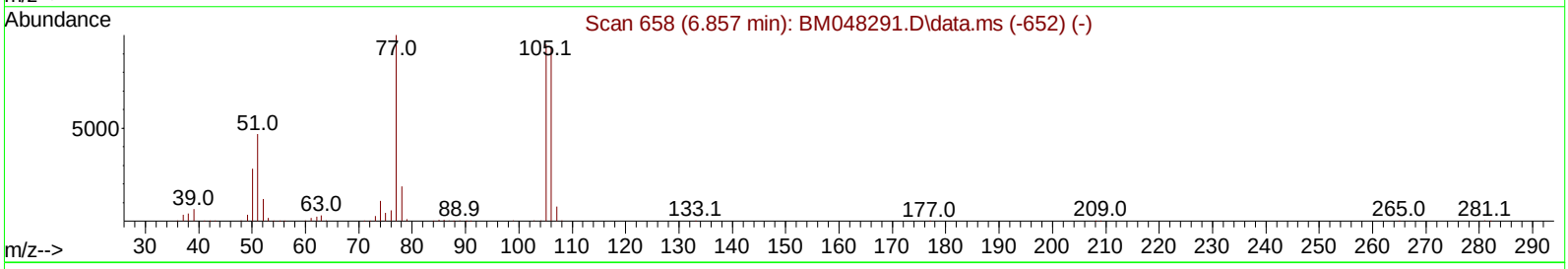
Instrument :
BNA_M
ClientSampleId :
E1L92MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/01/2024







TIC: BM048310.D\data.ms

(6) Benzaldehyde

6.857min (-0.006) 24.15 ng/ul

response 236031

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.60	101.45
106.00	93.90	98.24
0.00	0.00	0.00

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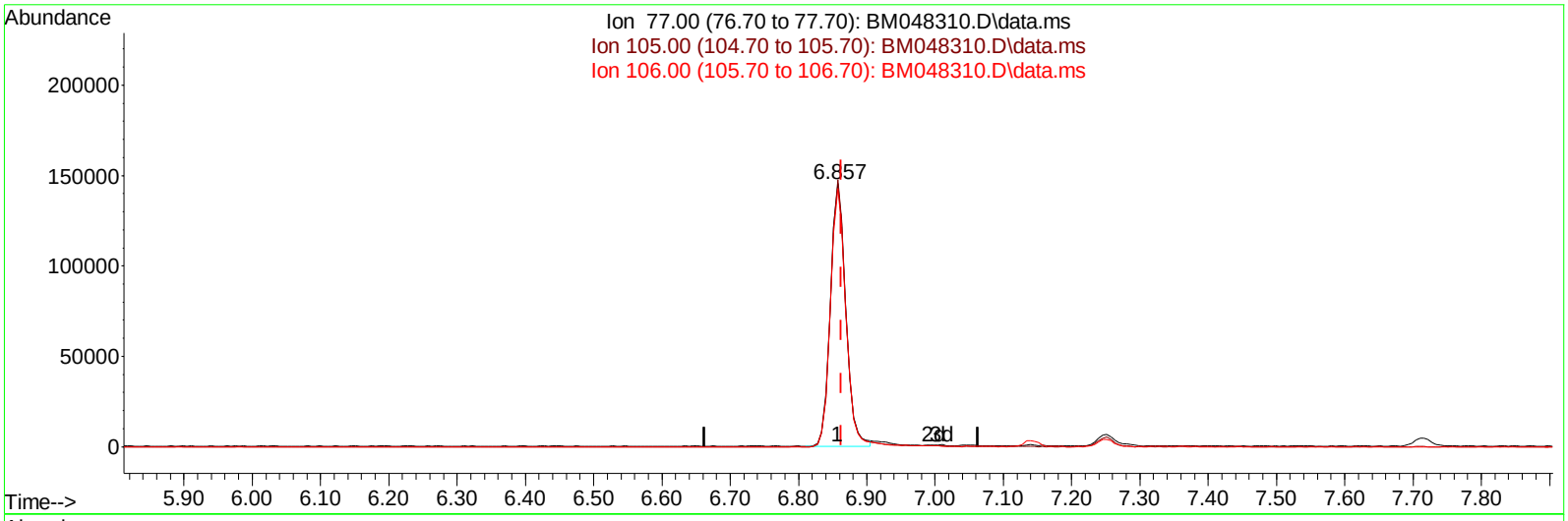

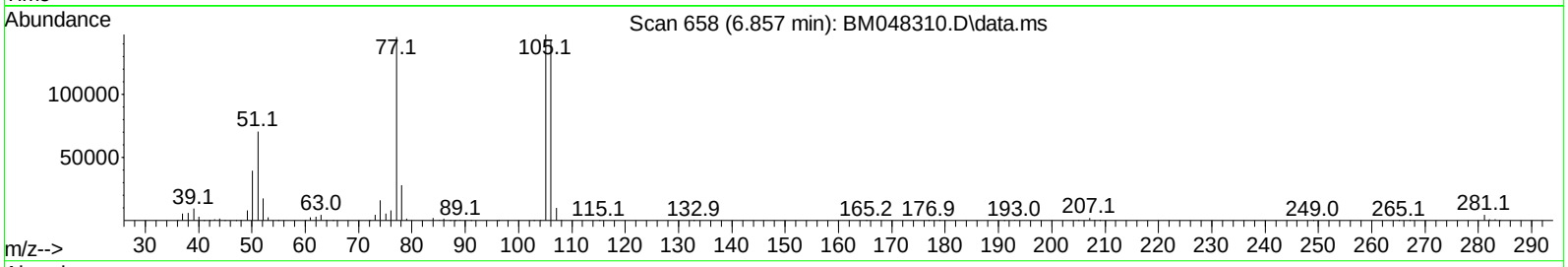

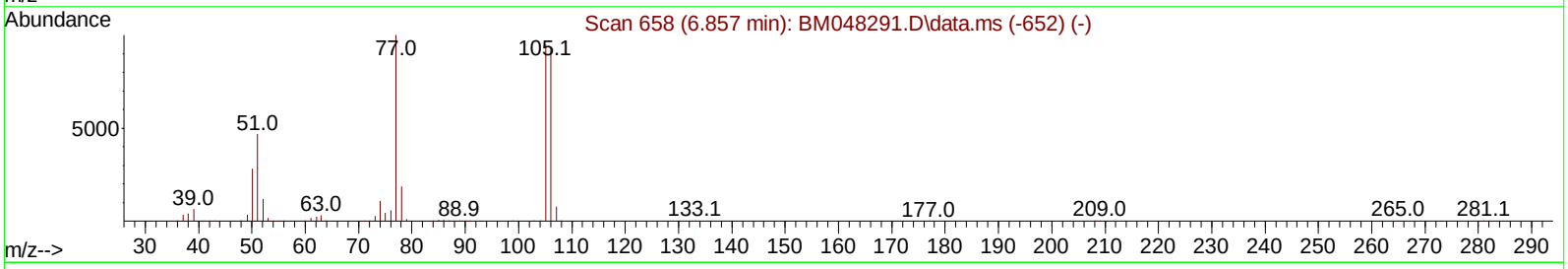

TIC: BM048310.D\data.ms

(6) Benzaldehyde

6.857min (-0.006) 23.50 ng/ul m

response 229718

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.60	101.45
106.00	93.90	98.24
0.00	0.00	0.00

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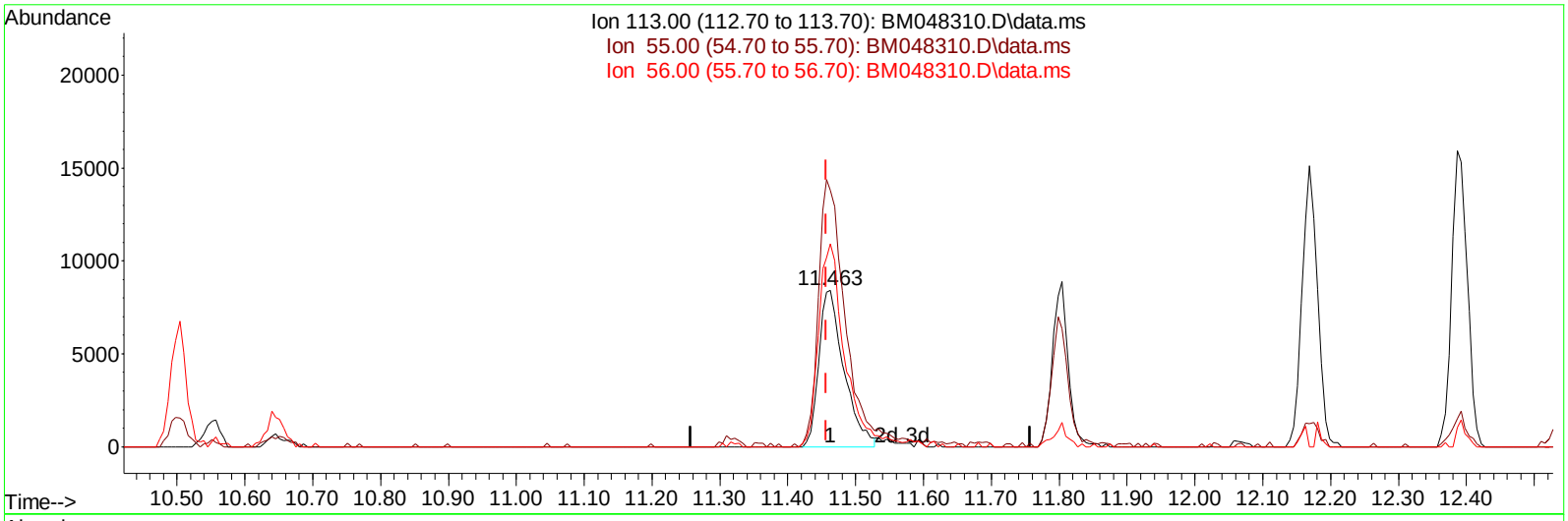

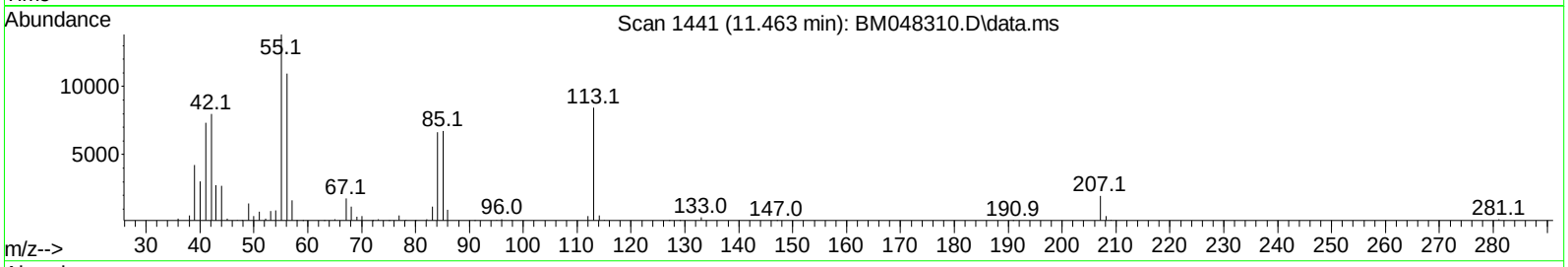

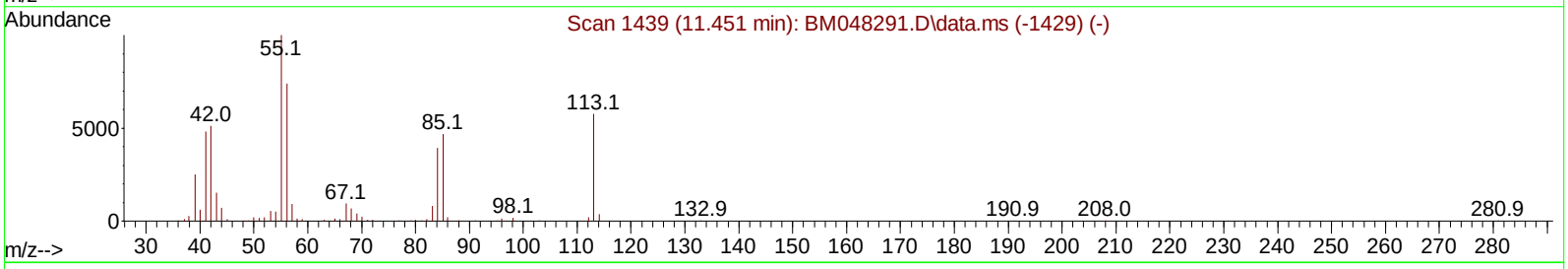

TIC: BM048310.D\data.ms

(34) Caprolactam

11.463min (+ 0.006) 4.30 ng/ul

response 21604

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	163.75
56.00	132.30	129.61
0.00	0.00	0.00

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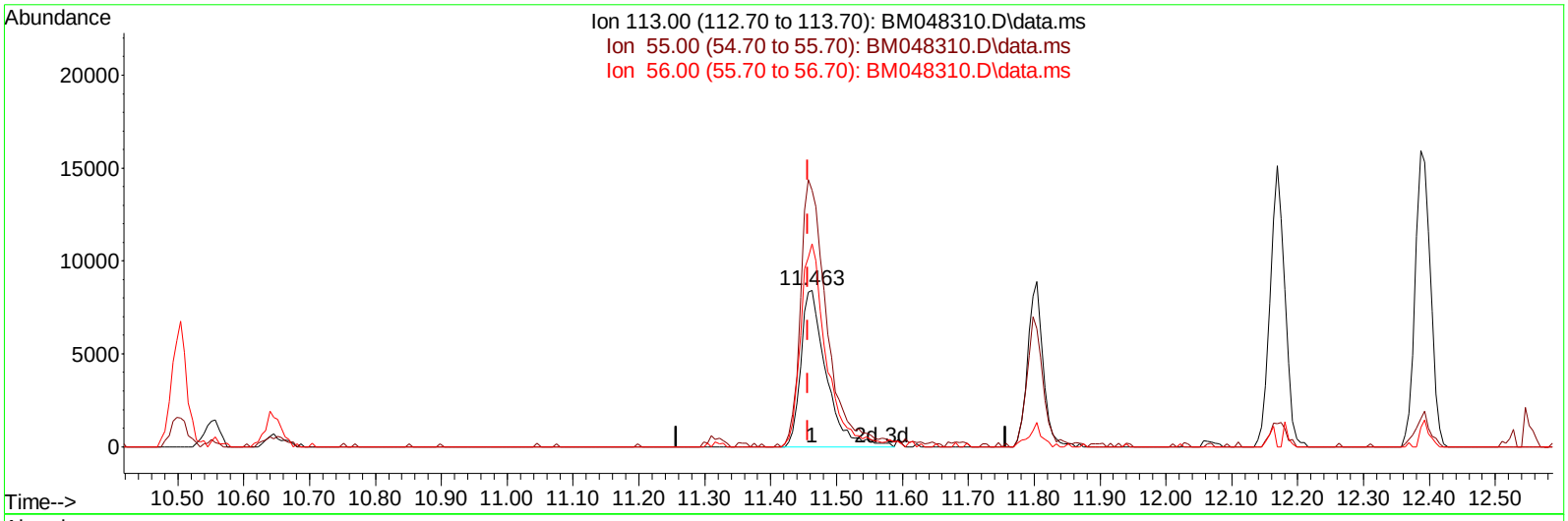

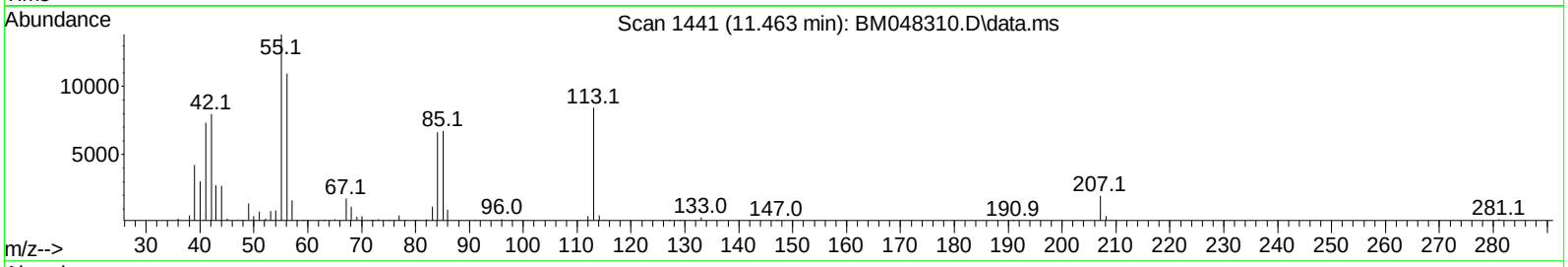

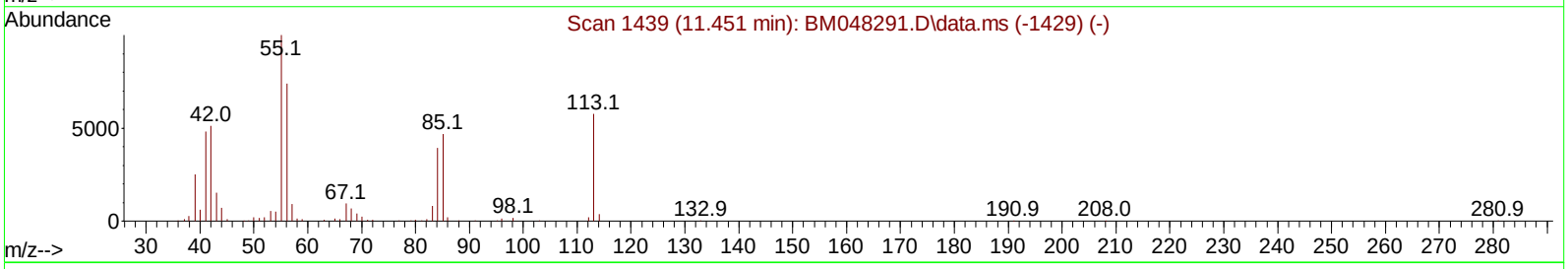

TIC: BM048310.D\data.ms

(34) Caprolactam

11.463min (+ 0.006) 4.48 ng/ul m

response 22487

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	163.75
56.00	132.30	129.61
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	229908	20.000	ng/ul	0.00
20) Naphthalene-d8	10.504	136	949758	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	571945	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1083396	20.000	ng/ul	-0.01
79) Chrysene-d12	21.321	240	939437	20.000	ng/ul	-0.01
88) Perylene-d12	24.268	264	1022898	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	24882	4.261	ng/uL	0.00
4) Pyridine-d5	3.593	84	53059	3.135	ng/ul	0.00
7) Phenol-d5	6.893	99	158036	8.001	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	369964	30.237	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.251	132	437996	27.268	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	300095	18.924	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	242705	31.169	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.592	143	268166	31.790	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	485723	31.554	ng/ul	0.00
31) 4-Chloroaniline-d4	10.645	131	317485	14.853	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	1488383	34.822	ng/ul	-0.01
49) Acenaphthylene-d8	14.051	160	1541211	31.980	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	67145	8.590	ng/ul	0.00
60) Fluorene-d10	15.351	176	1223599	33.879	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	257505	35.966	ng/ul	0.00
73) Anthracene-d10	17.198	188	1923969	37.556	ng/ul	-0.01
81) Pyrene-d10	19.492	212	2114313	37.088	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.068	264	2064971	38.274	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	31006	5.023	ng/uL	100
5) Pyridine	3.611	79	75389	4.346	ng/ul	97
6) Benzaldehyde	6.857	77	229718m	23.500	ng/ul	
8) Phenol	6.916	94	181758	8.836	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.140	93	504327	30.689	ng/ul	99
12) 2-Chlorophenol	7.281	128	480077	29.111	ng/ul	99
13) 2-Methylphenol	8.163	108	354953	22.938	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.234	45	763756	30.408	ng/ul	98
16) Acetophenone	8.540	105	791897	31.706	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.522	70	406600	31.741	ng/ul	97
18) 4-Methylphenol	8.493	108	345588	20.235	ng/ul	98
19) Hexachloroethane	8.787	117	141335	20.330	ng/ul	98
22) Nitrobenzene	8.916	77	580735	32.095	ng/ul	100
23) Isophorone	9.445	82	1122511	32.013	ng/ul	99
25) 2-Nitrophenol	9.622	139	300521	32.502	ng/ul	98
26) 2,4-Dimethylphenol	9.692	107	500622	29.493	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.922	93	679498	31.245	ng/ul	98
29) 2,4-Dichlorophenol	10.157	162	505601	32.100	ng/ul	100
30) Naphthalene	10.551	128	1491384	28.115	ng/ul	99
32) 4-Chloroaniline	10.669	127	219357	10.592	ng/ul	98
33) Hexachlorobutadiene	10.839	225	243588	23.208	ng/ul	96
34) Caprolactam	11.463	113	22487m	4.476	ng/ul	
35) 4-Chloro-3-methylphenol	11.804	107	489535	30.889	ng/ul	97

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E1L92MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.169	142	1070140	29.929	ng/ul	98
37) 1-Methylnaphthalene	12.392	142	1075776	29.659	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.545	216	588665	32.509	ng/ul	100
40) Hexachlorocyclopentadiene	12.522	237	234398	21.625	ng/ul	99
41) 2,4,6-Trichlorophenol	12.786	196	411208	35.182	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	451008	36.534	ng/ul	98
43) 1,1'-Biphenyl	13.186	154	1469769	33.505	ng/ul	98
44) 2-Chloronaphthalene	13.228	162	1140610	33.555	ng/ul	98
45) 2-Nitroaniline	13.439	65	347187	36.904	ng/ul	99
47) Dimethylphthalate	13.822	163	1512522	35.284	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	308795	37.048	ng/ul	95
50) Acenaphthylene	14.080	152	1788282	33.971	ng/ul	100
51) 3-Nitroaniline	14.269	138	258439	29.456	ng/ul	98
52) Acenaphthene	14.422	153	1283966	34.372	ng/ul	99
53) 2,4-Dinitrophenol	14.480	184	185109	32.653	ng/ul	96
55) 4-Nitrophenol	14.592	109	49902	8.746	ng/ul	98
56) Dibenzofuran	14.757	168	1798720	35.000	ng/ul	100
57) 2,4-Dinitrotoluene	14.727	165	445030	36.521	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.986	232	375859	35.512	ng/ul	97
59) Diethylphthalate	15.186	149	1548475	35.906	ng/ul	99
61) Fluorene	15.404	166	1433983	35.042	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.404	204	715263	34.817	ng/ul	99
63) 4-Nitroaniline	15.433	138	314040	39.530	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.492	198	281223	36.639	ng/ul#	92
67) N-Nitrosodiphenylamine	15.616	169	1211952	37.467	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	446409	37.767	ng/ul	97
69) Hexachlorobenzene	16.410	284	522547	36.948	ng/ul	98
70) Atrazine	16.569	200	265800	24.000	ng/ul	100
71) Pentachlorophenol	16.757	266	325455	36.370	ng/ul	97
72) Phenanthrene	17.145	178	2232566	37.215	ng/ul	100
74) Anthracene	17.233	178	2268080	37.773	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.151	216	589983	34.411	ng/uL	99
76) Pentachlorobenzene	14.680	250	608064	34.850	ng/uL	99
77) Carbazole	17.504	167	2043898	38.767	ng/ul	100
78) Di-n-butylphthalate	18.068	149	2699757	38.967	ng/ul	100
80) Fluoranthene	19.157	202	2497629	37.653	ng/ul	98
82) Pyrene	19.521	202	2663299	37.447	ng/ul	100
83) Butylbenzylphthalate	20.415	149	1183709	40.275	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.233	252	475705	23.208	ng/ul	99
85) Benzo(a)anthracene	21.303	228	2534552	37.411	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	1736503	41.002	ng/ul	98
87) Chrysene	21.368	228	2380034	37.359	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	2969352	38.802	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2498208	38.271	ng/ul	99
91) Benzo(k)fluoranthene	23.397	252	2497566	38.213	ng/ul	99
93) Benzo(a)pyrene	24.133	252	2303639	38.792	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.585	276	2995959	41.891	ng/ul	99
95) Dibenzo(a,h)anthracene	27.632	278	2478964	42.382	ng/ul	100
96) Benzo(g,h,i)perylene	28.615	276	2320357	42.278	ng/ul	98

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

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