Quantitation Report (Qedit)

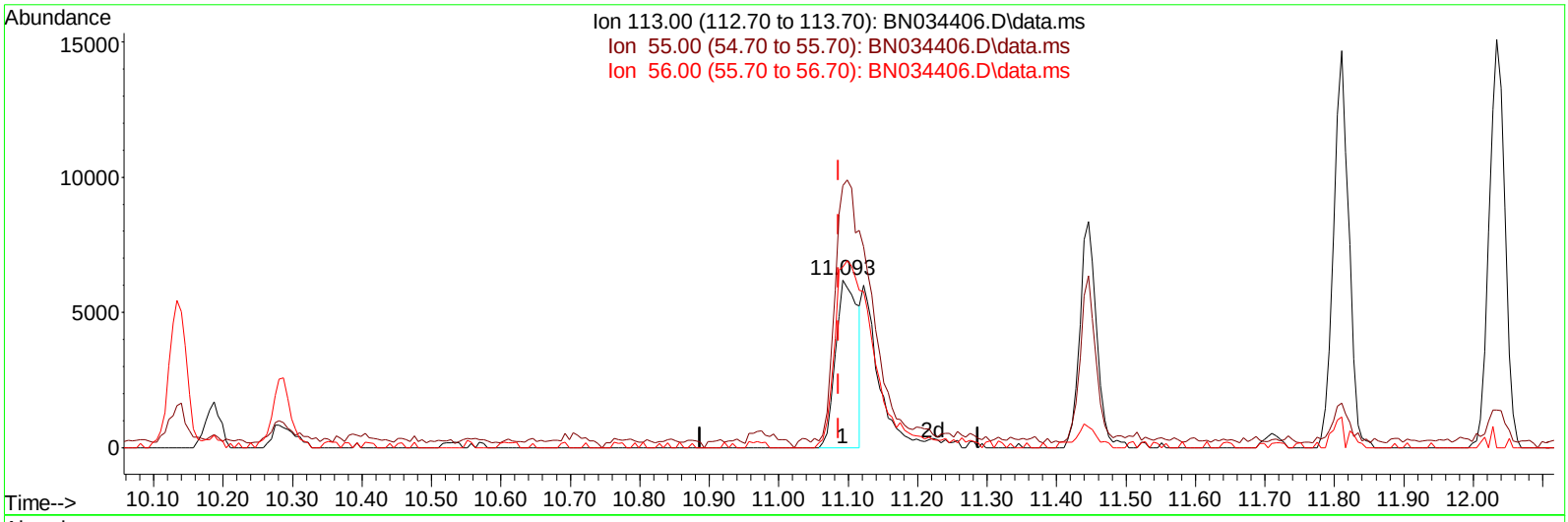
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
Data File : BN034406.D
Acq On : 05 Oct 2024 01:54
Operator : RC/JU
Sample : P4227-17MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

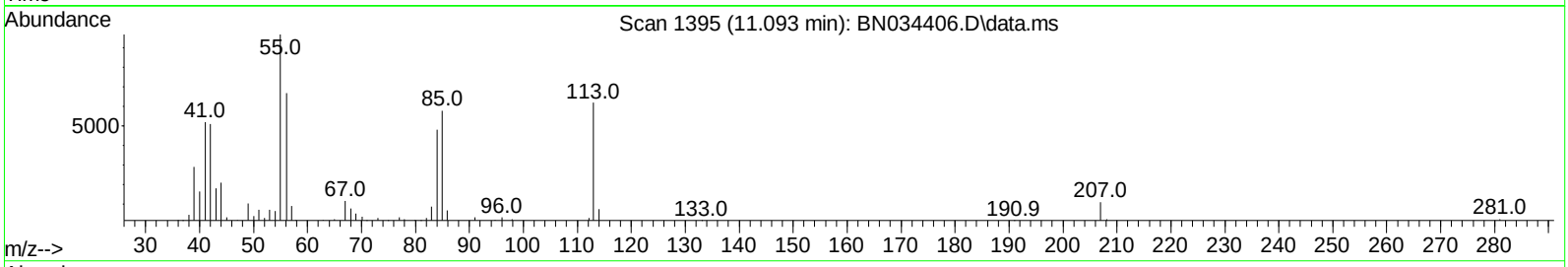
Quant Time: Oct 05 03:03:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

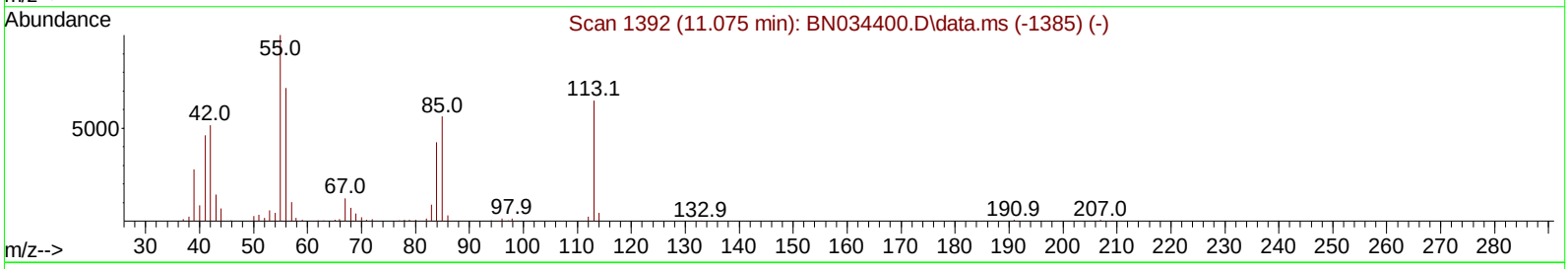
Instrument :
BNA_N
ClientSampleId :
PMW-7D(20240927)MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024







TIC: BN034406.D\data.ms

(34) Caprolactam

11.093min (+ 0.006) 2.48 ng/ul

response 13772

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	156.38
56.00	124.60	108.01
0.00	0.00	0.00

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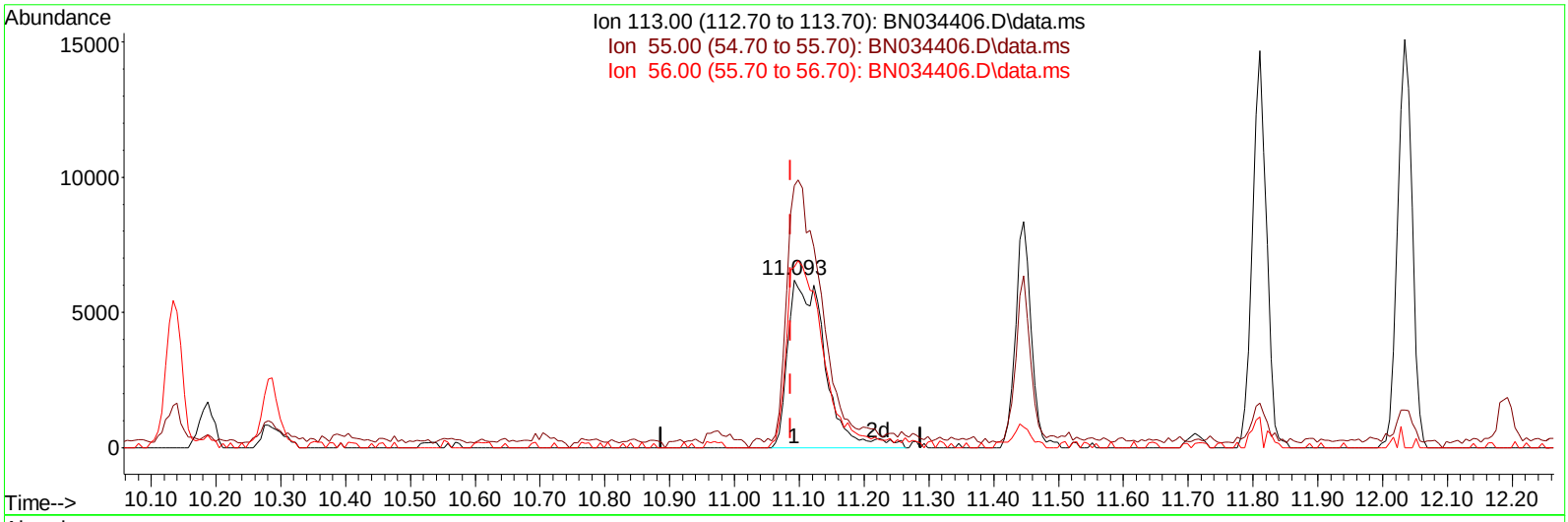

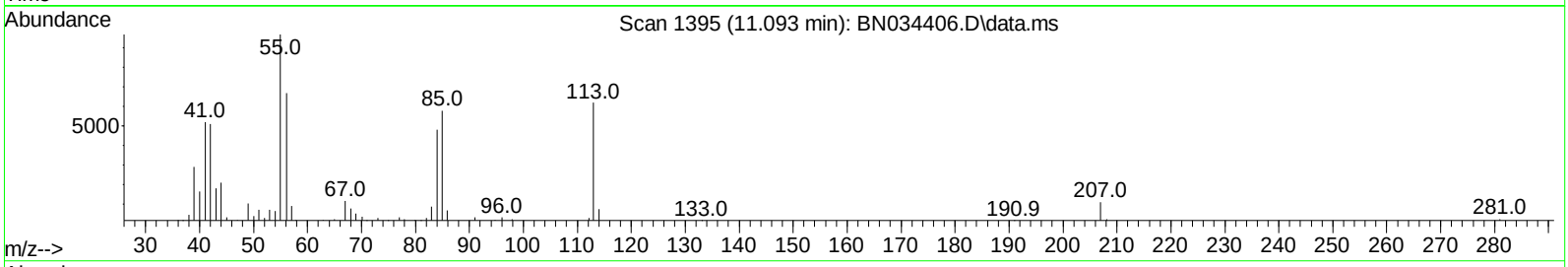

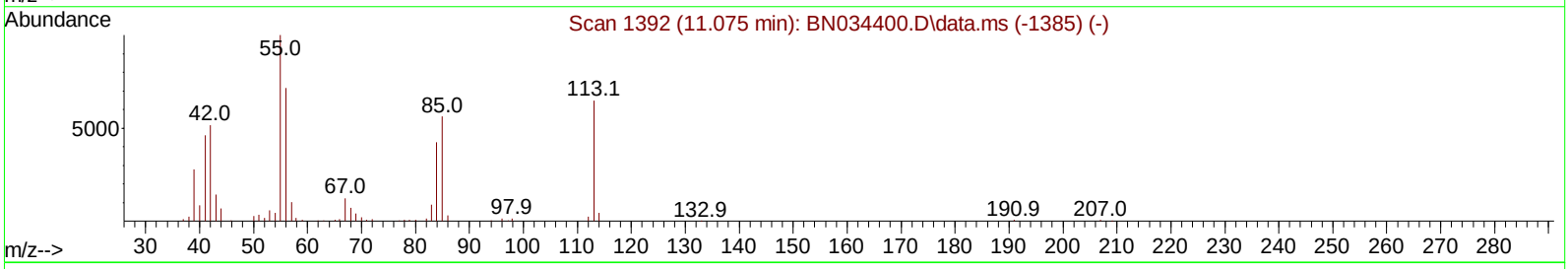

TIC: BN034406.D\data.ms

(34) Caprolactam

11.093min (+ 0.006) 4.41 ng/ul m

response 24469

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	156.38
56.00	124.60	108.01
0.00	0.00	0.00

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Operator : RC/JU
Sample : P4227-17MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 05 03:04:35 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
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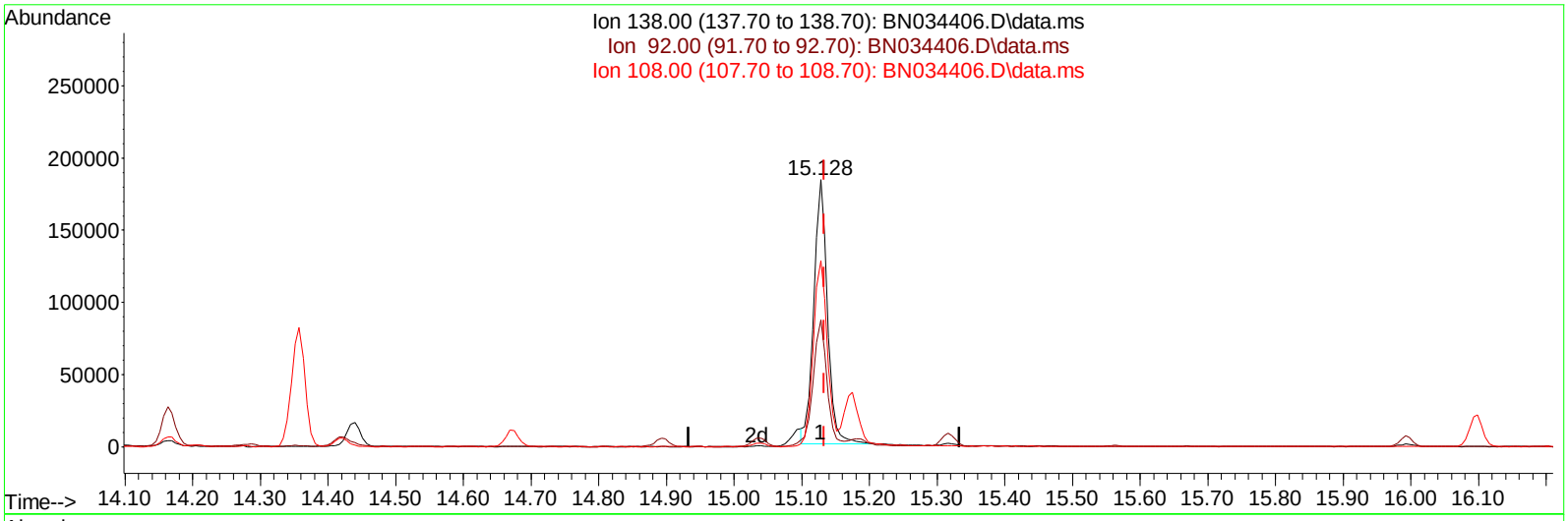

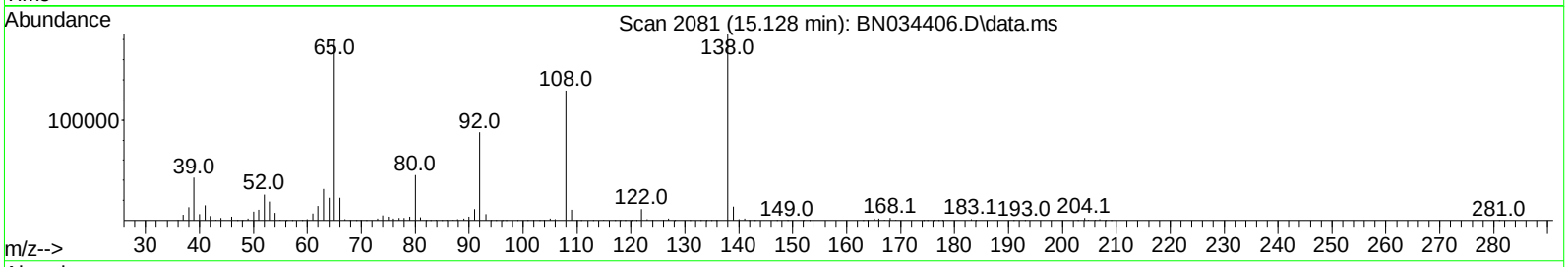

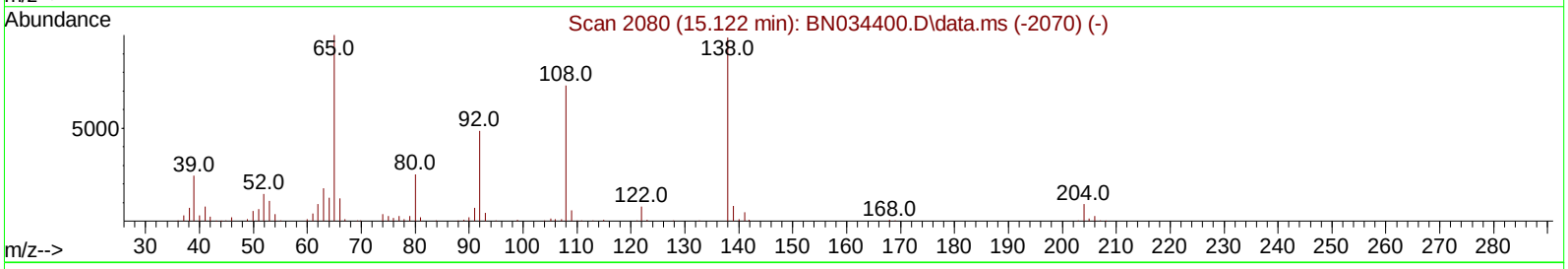

TIC: BN034406.D\data.ms

(63) 4-Nitroaniline

15.128min (-0.006) 28.23 ng/ul

response 257484

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.70	47.42
108.00	83.70	69.71
0.00	0.00	0.00

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Misc :
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Instrument :
BNA_N
ClientSampleId :
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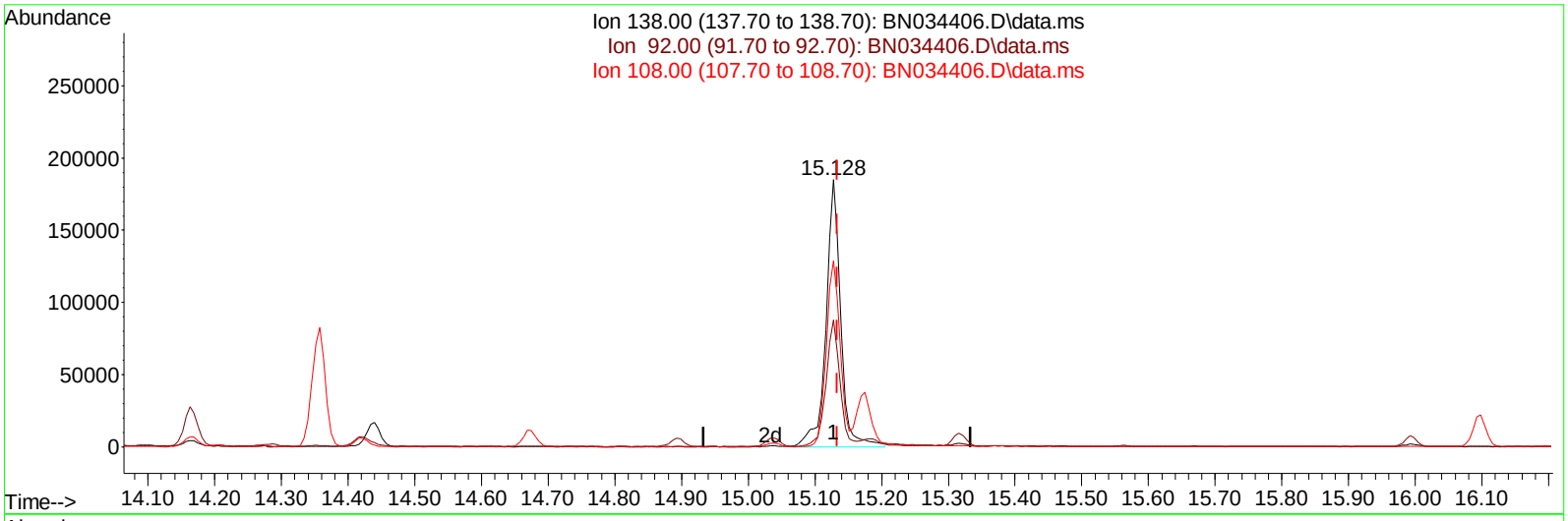

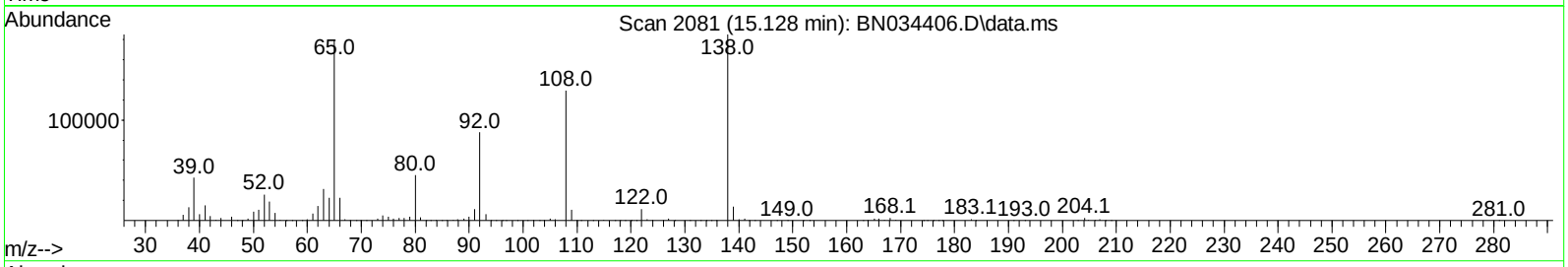

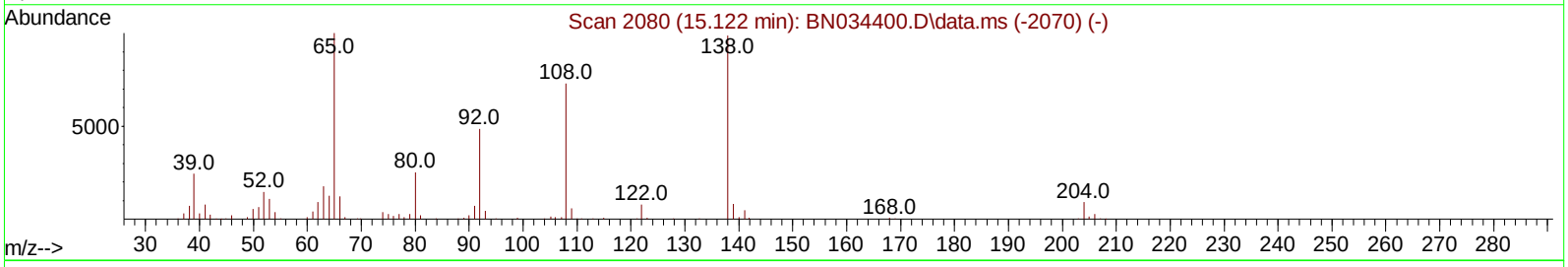

TIC: BN034406.D\data.ms

(63) 4-Nitroaniline

15.128min (-0.006) 31.04 ng/ul m

response 283109

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.70	47.42
108.00	83.70	69.71
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.381	152	231751	20.000	ng/ul	0.00
20) Naphthalene-d8	10.134	136	891751	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.034	164	534785	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.792	188	1080522	20.000	ng/ul	0.00
79) Chrysene-d12	21.027	240	1017918	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1282971	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	25590	4.506	ng/uL	0.00
4) Pyridine-d5	3.393	84	111414	6.600	ng/ul	0.00
7) Phenol-d5	6.581	99	239983	11.668	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.740	67	339964	26.640	ng/ul	0.00
11) 2-Chlorophenol-d4	6.922	132	475151	29.348	ng/ul	0.00
15) 4-Methylphenol-d8	8.099	113	371502	21.951	ng/ul	0.00
21) Nitrobenzene-d5	8.522	128	232584	32.723	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	267092	36.543	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	469706	34.123	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	448072	21.501	ng/ul	0.00
46) Dimethylphthalate-d6	13.463	166	1304968	32.652	ng/ul	0.00
49) Acenaphthylene-d8	13.722	160	1429738	31.799	ng/ul	0.00
54) 4-Nitrophenol-d4	14.269	143	82418	10.048	ng/ul	0.00
60) Fluorene-d10	15.040	176	1093321	32.278	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	232672	36.115	ng/ul	0.00
73) Anthracene-d10	16.892	188	1673019	32.933	ng/ul	0.00
81) Pyrene-d10	19.204	212	2013718	35.505	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	2337195	35.464	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	95674	15.970	ng/uL	90
5) Pyridine	3.411	79	125241	7.250	ng/ul	91
6) Benzaldehyde	6.540	77	276748	25.490	ng/ul	91
8) Phenol	6.605	94	258779	12.084	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.828	93	468738	28.164	ng/ul	93
12) 2-Chlorophenol	6.952	128	473329	28.528	ng/ul	94
13) 2-Methylphenol	7.834	108	384365	24.014	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	7.905	45	582192	23.719	ng/ul#	95
16) Acetophenone	8.199	105	676440	25.232	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.193	70	318020	23.955	ng/ul#	94
18) 4-Methylphenol	8.163	108	389406	21.861	ng/ul	96
19) Hexachloroethane	8.434	117	171102	24.450	ng/ul	89
22) Nitrobenzene	8.569	77	498205	28.004	ng/ul	91
23) Isophorone	9.093	82	922885	28.131	ng/ul	95
25) 2-Nitrophenol	9.269	139	274562	33.565	ng/ul	91
26) 2,4-Dimethylphenol	9.346	107	434037	25.791	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.581	93	604656	29.955	ng/ul	98
29) 2,4-Dichlorophenol	9.799	162	481816	34.570	ng/ul	93
30) Naphthalene	10.187	128	1431902	29.356	ng/ul	99
32) 4-Chloroaniline	10.310	127	404588	19.702	ng/ul	98
33) Hexachlorobutadiene	10.475	225	281410	31.472	ng/ul	97
34) Caprolactam	11.093	113	24469m	4.410	ng/ul	
35) 4-Chloro-3-methylphenol	11.446	107	459429	28.000	ng/ul	90

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.810	142	1006137	29.945	ng/ul	100
37) 1-Methylnaphthalene	12.034	142	992257	29.175	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.193	216	533558	34.559	ng/ul	97
40) Hexachlorocyclopentadiene	12.169	237	252559	26.587	ng/ul	98
41) 2,4,6-Trichlorophenol	12.446	196	363618	35.527	ng/ul	96
42) 2,4,5-Trichlorophenol	12.516	196	394120	35.056	ng/ul	97
43) 1,1'-Biphenyl	12.857	154	1284537	31.860	ng/ul	98
44) 2-Chloronaphthalene	12.887	162	992555	31.601	ng/ul	98
45) 2-Nitroaniline	13.110	65	284433	28.024	ng/ul#	84
47) Dimethylphthalate	13.510	163	1308146	32.115	ng/ul	99
48) 2,6-Dinitrotoluene	13.628	165	280504	34.973	ng/ul	87
50) Acenaphthylene	13.751	152	1548663	31.478	ng/ul	100
51) 3-Nitroaniline	13.951	138	257802	29.085	ng/ul	93
52) Acenaphthene	14.098	153	1096208	31.210	ng/ul	99
53) 2,4-Dinitrophenol	14.163	184	161810	34.299	ng/ul#	83
55) 4-Nitrophenol	14.281	109	62742	9.007	ng/ul	91
56) Dibenzofuran	14.440	168	1517212	31.587	ng/ul	96
57) 2,4-Dinitrotoluene	14.422	165	396442	32.786	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.675	232	332579	35.650	ng/ul	91
59) Diethylphthalate	14.893	149	1346631	31.637	ng/ul	98
61) Fluorene	15.092	166	1235625	31.447	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.098	204	605263	31.781	ng/ul	98
63) 4-Nitroaniline	15.128	138	283109m	31.039	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.187	198	246804	34.498	ng/ul	95
67) N-Nitrosodiphenylamine	15.316	169	1070767	33.070	ng/ul	97
68) 4-Bromophenyl-phenylether	15.992	248	393843	35.894	ng/ul	93
69) Hexachlorobenzene	16.098	284	478181	37.548	ng/ul	95
70) Atrazine	16.287	200	250520	21.355	ng/ul	99
71) Pentachlorophenol	16.451	266	307342	36.235	ng/ul	95
72) Phenanthrene	16.834	178	1961231	32.918	ng/ul	99
74) Anthracene	16.928	178	1954374	32.124	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.810	216	527626	35.086	ng/uL	99
76) Pentachlorobenzene	14.357	250	521103	34.033	ng/uL	93
77) Carbazole	17.204	167	1837451	32.815	ng/ul	100
78) Di-n-butylphthalate	17.792	149	2438457	34.258	ng/ul	98
80) Fluoranthene	18.863	202	2318337	34.965	ng/ul	98
82) Pyrene	19.233	202	2431484	34.112	ng/ul	96
83) Butylbenzylphthalate	20.169	149	1133624	35.465	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.951	252	491549	21.498	ng/ul	99
85) Benzo(a)anthracene	21.010	228	2471592	34.055	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.975	149	1705290	36.448	ng/ul	96
87) Chrysene	21.063	228	2327582	33.612	ng/ul	100
89) Di-n-octyl phthalate	22.010	149	3034216	35.543	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	2655307	33.946	ng/ul	100
91) Benzo(k)fluoranthene	22.945	252	2643753	34.261	ng/ul	98
93) Benzo(a)pyrene	23.610	252	2388748	32.327	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.727	276	3338407	36.463	ng/ul	98
95) Dibenzo(a,h)anthracene	26.774	278	2677781	36.183	ng/ul	98
96) Benzo(g,h,i)perylene	27.657	276	2628965	36.988	ng/ul	97

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

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