Quantitation Report (Qedit)

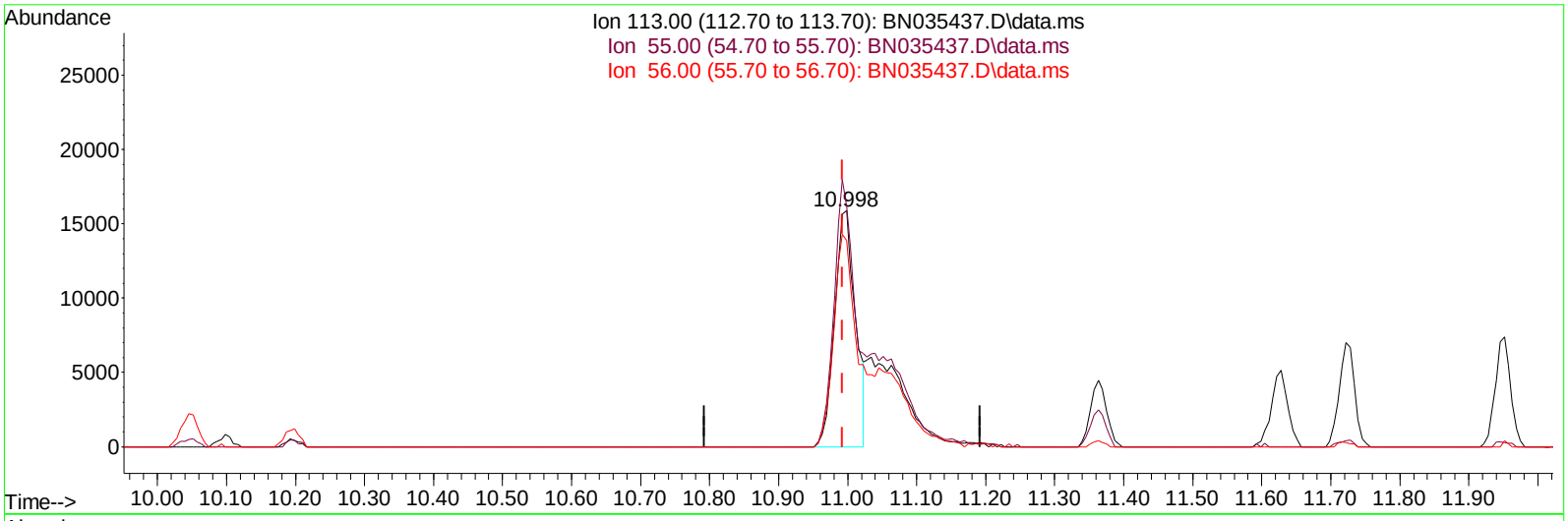
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
Data File : BN035437.D
Acq On : 05 Dec 2024 21:39
Operator : RC/JU
Sample : PB165388BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

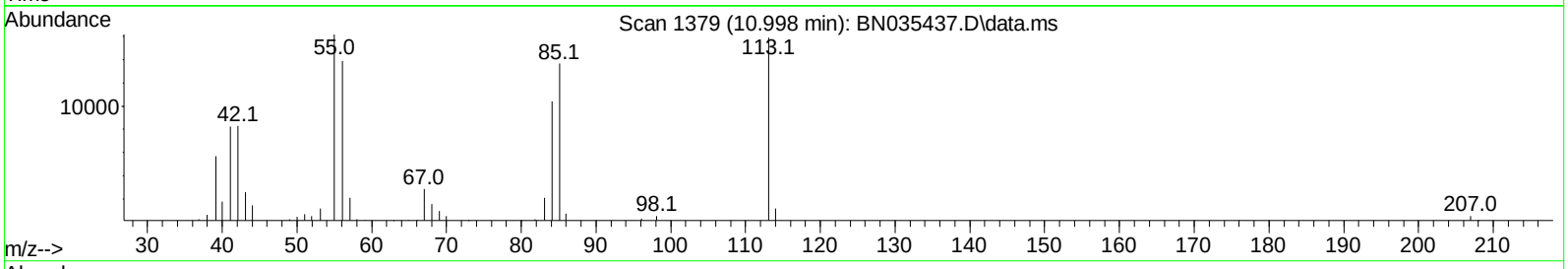
Quant Time: Dec 06 00:42:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration

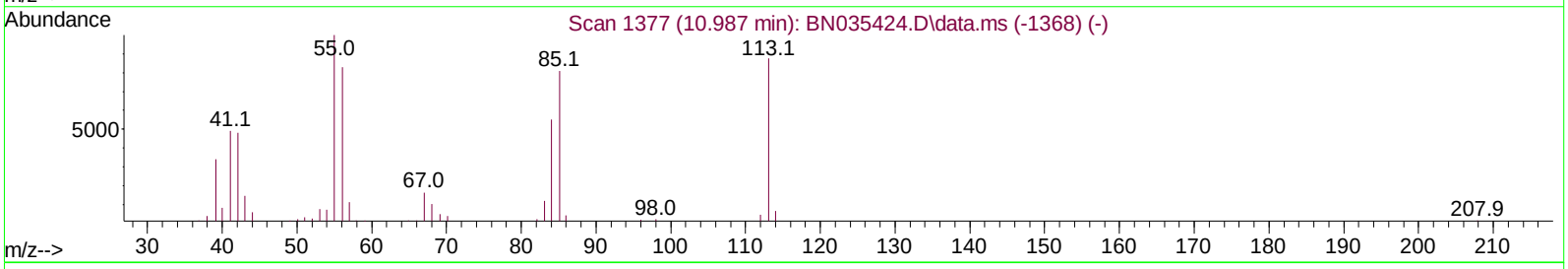
Instrument :
BNA_N
ClientSampleId :
SLCS388

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/13/2024







TIC: BN035437.D\data.ms

(34) Caprolactam

10.998min (+ 0.006) 15.96 ng/ul

response 33346

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	101.71
56.00	86.70	87.42
0.00	0.00	0.00

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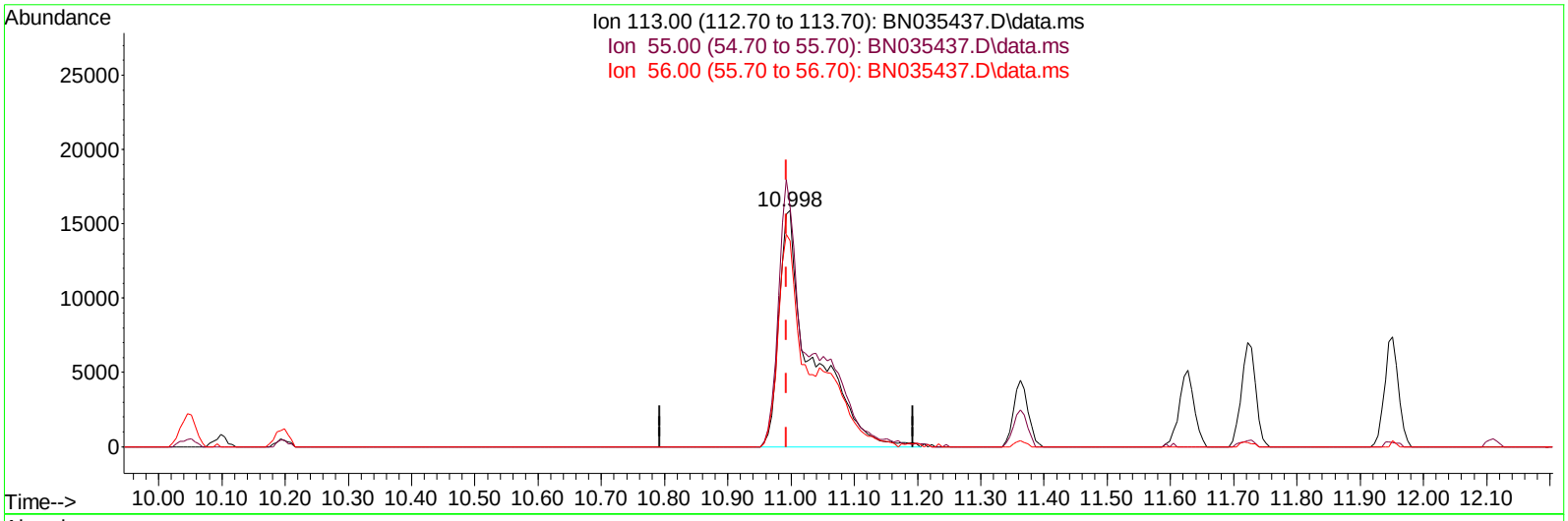

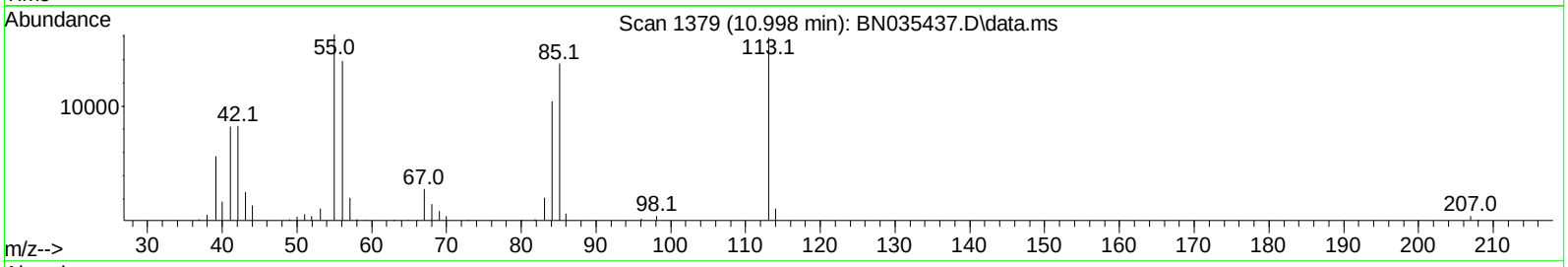

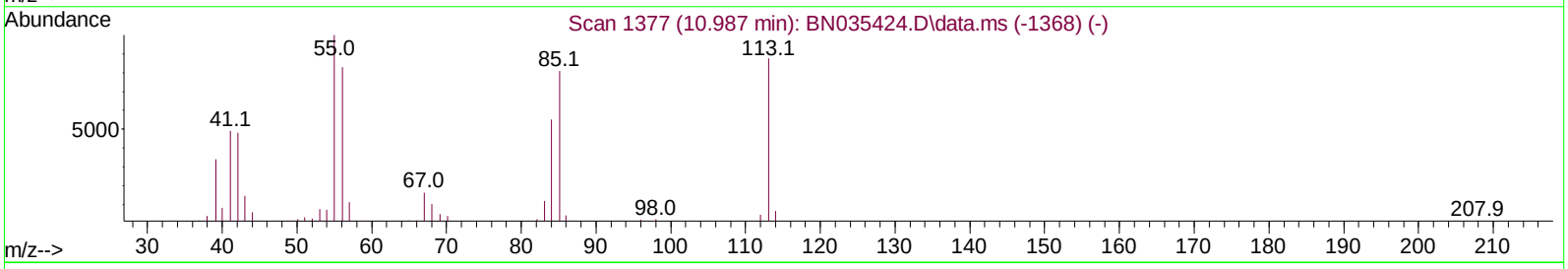

TIC: BN035437.D\data.ms

(34) Caprolactam

10.998min (+ 0.006) 27.62 ng/ul m

response 57711

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	101.71
56.00	86.70	87.42
0.00	0.00	0.00

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Operator : RC/JU
Sample : PB165388BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 06 00:46:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
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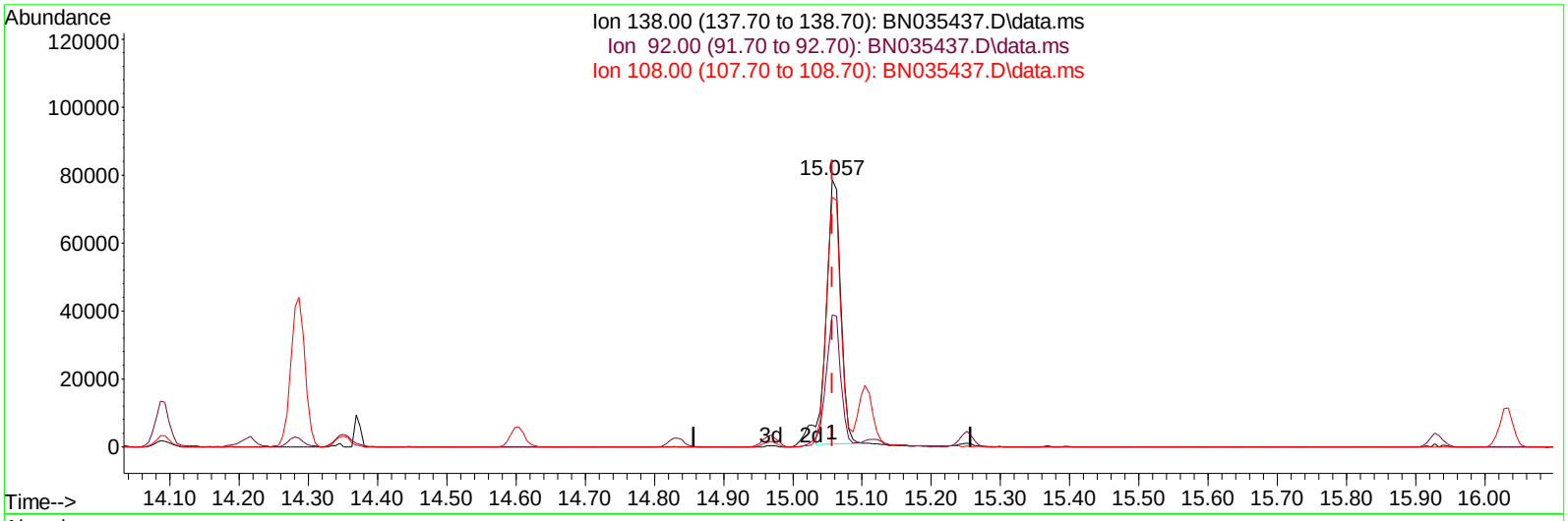

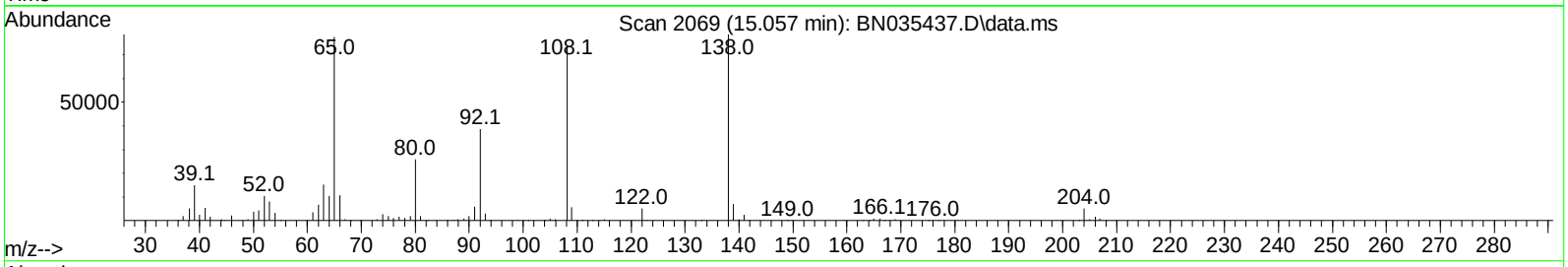

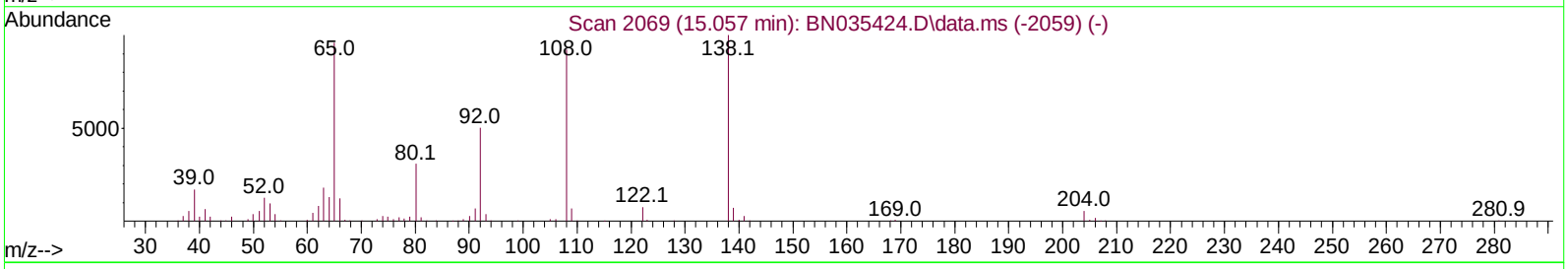

TIC: BN035437.D\data.ms

(63) 4-Nitroaniline

15.057min (-0.000) 26.54 ng/ul

response 108689

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	49.40
108.00	94.00	93.43
0.00	0.00	0.00

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 06 00:46:06 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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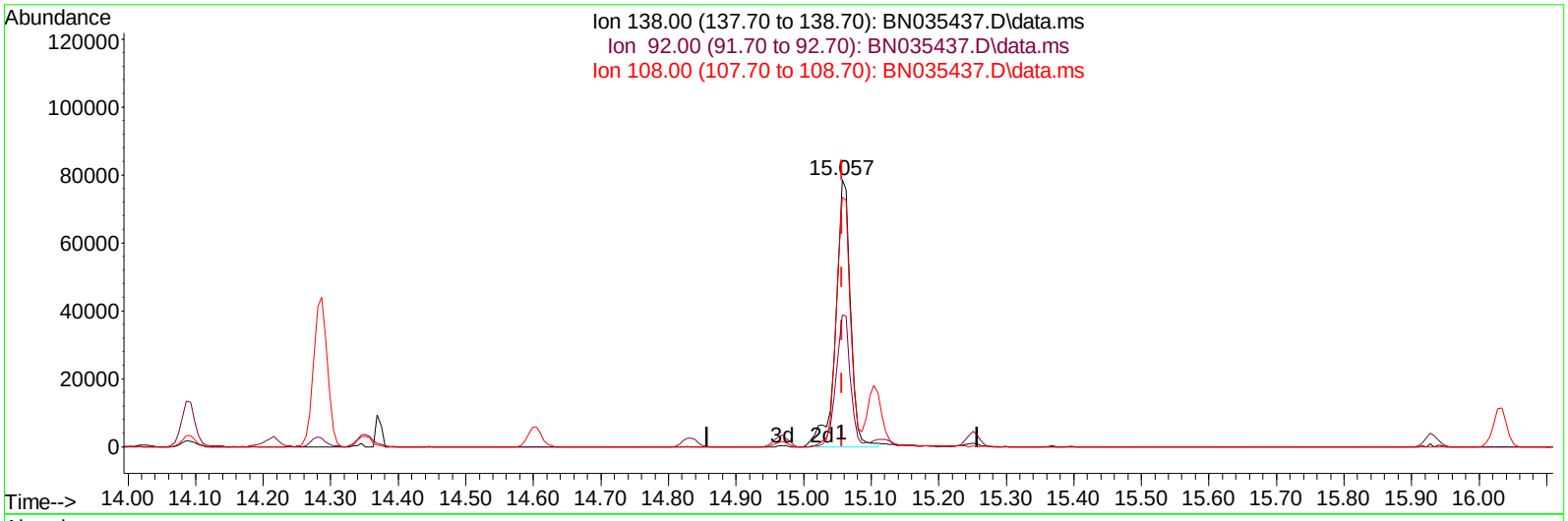

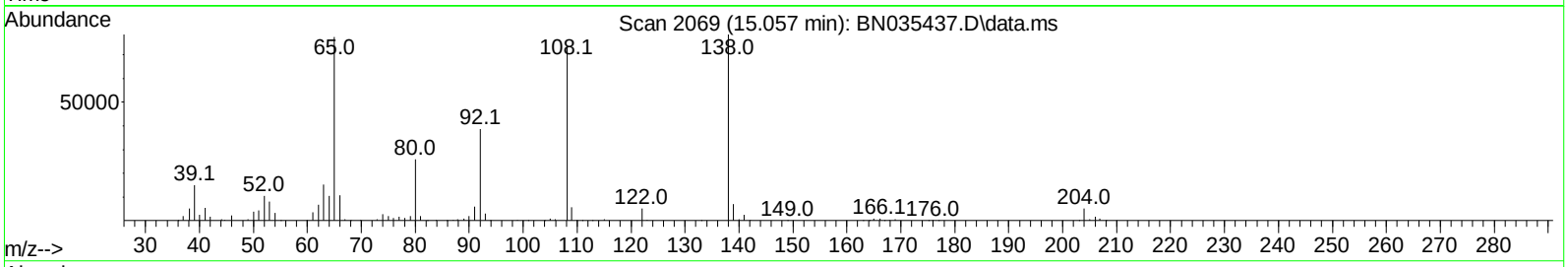

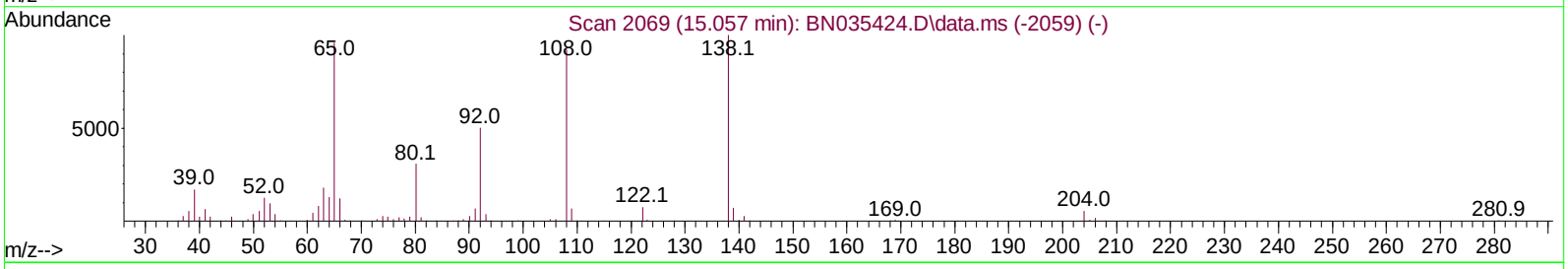

TIC: BN035437.D\data.ms

(63) 4-Nitroaniline

15.057min (-0.000) 29.61 ng/ul m

response 121245

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	49.40
108.00	94.00	93.43
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : PB165388BS
Misc :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.299	152	99133	20.000	ng/ul	0.00
20) Naphthalene-d8	10.046	136	434826	20.000	ng/ul	0.00
38) Acenaphthene-d10	13.963	164	340499	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.728	188	751324	20.000	ng/ul	0.00
79) Chrysene-d12	20.980	240	760794	20.000	ng/ul	0.00
88) Perylene-d12	23.651	264	890261	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.958	96	10664	5.083	ng/uL	0.00
4) Pyridine-d5	3.334	84	148246	26.807	ng/ul	0.00
7) Phenol-d5	6.505	99	198780	28.147	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.658	67	107895	27.396	ng/ul	0.00
11) 2-Chlorophenol-d4	6.840	132	163524	27.325	ng/ul	0.00
15) 4-Methylphenol-d8	8.016	113	174539	28.360	ng/ul	0.00
21) Nitrobenzene-d5	8.440	128	78708	27.861	ng/ul	0.00
24) 2-Nitrophenol-d4	9.152	143	94028	28.756	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	201758	28.231	ng/ul	0.00
31) 4-Chloroaniline-d4	10.199	131	198807	22.529	ng/ul	0.00
46) Dimethylphthalate-d6	13.392	166	665631	27.225	ng/ul	0.00
49) Acenaphthylene-d8	13.645	160	715979	26.591	ng/ul	0.00
54) 4-Nitrophenol-d4	14.198	143	116617	28.966	ng/ul	0.00
60) Fluorene-d10	14.969	176	547768	25.944	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	117531	29.662	ng/ul	0.00
73) Anthracene-d10	16.828	188	885307	26.716	ng/ul	0.00
81) Pyrene-d10	19.145	212	1079043	26.854	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	1193928	27.695	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	21601	9.182	ng/uL#	98
5) Pyridine	3.358	79	152347	27.472	ng/ul	95
6) Benzaldehyde	6.463	77	27893	7.323	ng/ul	97
8) Phenol	6.528	94	203048	27.761	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.752	93	152130	26.568	ng/ul	99
12) 2-Chlorophenol	6.869	128	166197	26.685	ng/ul	97
13) 2-Methylphenol	7.752	108	158469	27.904	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	7.822	45	118385	26.158	ng/ul	99
16) Acetophenone	8.110	105	262557	27.013	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.110	70	121234	26.237	ng/ul	99
18) 4-Methylphenol	8.081	108	178709	28.320	ng/ul	98
19) Hexachloroethane	8.352	117	68303	25.670	ng/ul	98
22) Nitrobenzene	8.481	77	193406	27.256	ng/ul	99
23) Isophorone	9.004	82	369214	25.966	ng/ul	99
25) 2-Nitrophenol	9.181	139	103120	27.835	ng/ul	97
26) 2,4-Dimethylphenol	9.257	107	191603	25.803	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.493	93	221910	25.619	ng/ul	97
29) 2,4-Dichlorophenol	9.710	162	197518	27.314	ng/ul	96
30) Naphthalene	10.099	128	561131	25.393	ng/ul	99
32) 4-Chloroaniline	10.222	127	89189	10.551	ng/ul	97
33) Hexachlorobutadiene	10.393	225	131203	25.709	ng/ul	100
34) Caprolactam	10.998	113	57711m	27.621	ng/ul	
35) 4-Chloro-3-methylphenol	11.363	107	208927	27.736	ng/ul	97

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/07/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.722	142	425680	25.868	ng/ul	94
37) 1-Methylnaphthalene	11.951	142	419572	24.871	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.110	216	255336	25.445	ng/ul	95
40) Hexachlorocyclopentadiene	12.093	237	126048	25.004	ng/ul	90
41) 2,4,6-Trichlorophenol	12.363	196	169107	25.987	ng/ul	94
42) 2,4,5-Trichlorophenol	12.440	196	195137	26.915	ng/ul	98
43) 1,1'-Biphenyl	12.781	154	596897	25.401	ng/ul	95
44) 2-Chloronaphthalene	12.810	162	472259	25.125	ng/ul	97
45) 2-Nitroaniline	13.034	65	110823	29.998	ng/ul	94
47) Dimethylphthalate	13.440	163	648584	26.517	ng/ul	99
48) 2,6-Dinitrotoluene	13.551	165	125418	30.765	ng/ul	99
50) Acenaphthylene	13.675	152	732447	25.593	ng/ul	98
51) 3-Nitroaniline	13.881	138	90055	21.329	ng/ul	99
52) Acenaphthene	14.028	153	528623	25.663	ng/ul	98
53) 2,4-Dinitrophenol	14.092	184	81423	28.594	ng/ul	98
55) 4-Nitrophenol	14.216	109	107783	28.346	ng/ul	94
56) Dibenzofuran	14.369	168	741419	25.315	ng/ul	98
57) 2,4-Dinitrotoluene	14.351	165	190030	29.375	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.604	232	159454	25.246	ng/ul	98
59) Diethylphthalate	14.834	149	624525	26.126	ng/ul	99
61) Fluorene	15.022	166	600587	25.455	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.034	204	299339	24.830	ng/ul	99
63) 4-Nitroaniline	15.057	138	121245m	29.610	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.122	198	125005	29.117	ng/ul	98
67) N-Nitrosodiphenylamine	15.251	169	532965	26.701	ng/ul	96
68) 4-Bromophenyl-phenylether	15.934	248	198367	26.107	ng/ul	97
69) Hexachlorobenzene	16.034	284	237936	26.380	ng/ul	98
70) Atrazine	16.228	200	1078	0.151	ng/ul	91
71) Pentachlorophenol	16.386	266	154208	26.930	ng/ul	95
72) Phenanthrene	16.769	178	995143	25.726	ng/ul	100
74) Anthracene	16.863	178	991264	25.380	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.734	216	257873	25.887	ng/uL	99
76) Pentachlorobenzene	14.287	250	272189	26.542	ng/uL	96
77) Carbazole	17.139	167	917370	28.227	ng/ul	99
78) Di-n-butylphthalate	17.739	149	1070207	28.288	ng/ul	99
80) Fluoranthene	18.810	202	1231323	26.109	ng/ul	100
82) Pyrene	19.175	202	1341008	26.515	ng/ul	100
83) Butylbenzylphthalate	20.133	149	414188	29.057	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.910	252	204071	15.045	ng/ul	98
85) Benzo(a)anthracene	20.963	228	1292418	25.305	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	20.939	149	656186	29.195	ng/ul	99
87) Chrysene	21.021	228	1262786	25.660	ng/ul	99
89) Di-n-octyl phthalate	21.968	149	1153477	28.504	ng/ul	100
90) Benzo(b)fluoranthene	22.816	252	1371884	26.734	ng/ul	96
91) Benzo(k)fluoranthene	22.874	252	1395722	26.562	ng/ul	98
93) Benzo(a)pyrene	23.533	252	1295766	26.905	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.598	276	1540150	26.809	ng/ul	98
95) Dibenzo(a,h)anthracene	26.656	278	1246379	26.777	ng/ul	99
96) Benzo(g,h,i)perylene	27.509	276	1161014	26.627	ng/ul	99

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

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