Quantitation Report (Qedit)

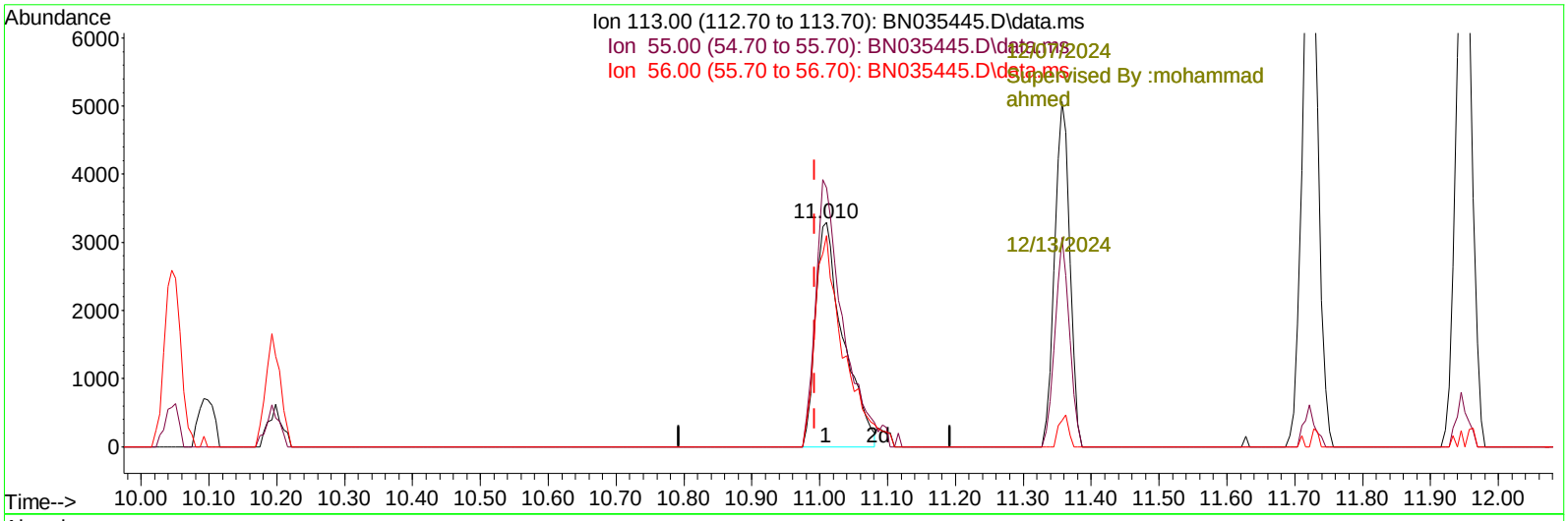
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
Data File : BN035445.D
Acq On : 06 Dec 2024 03:30
Operator : RC/JU
Sample : P5104-21MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

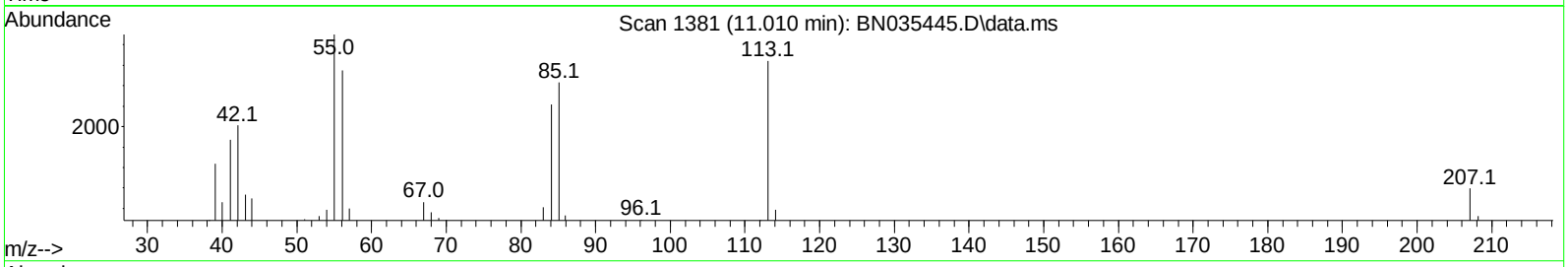
Quant Time: Dec 06 04:04:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration

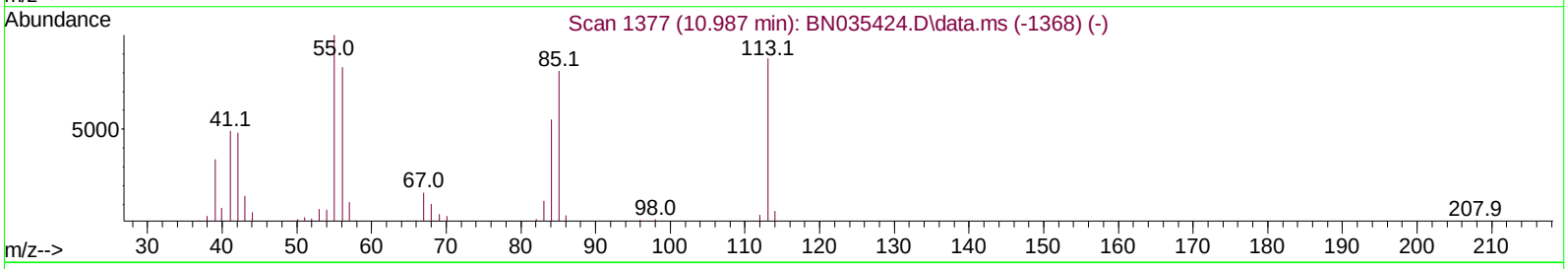
Instrument :
BNA_N
ClientSampleId :
BHJ96MS

Manual IntegrationsAPPROVED

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







TIC: BN035445.D\data.ms

(34) Caprolactam

11.010min (+ 0.017) 4.02 ng/ul

response 9360

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	115.63
56.00	86.70	94.10
0.00	0.00	0.00

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ClientSampleId :
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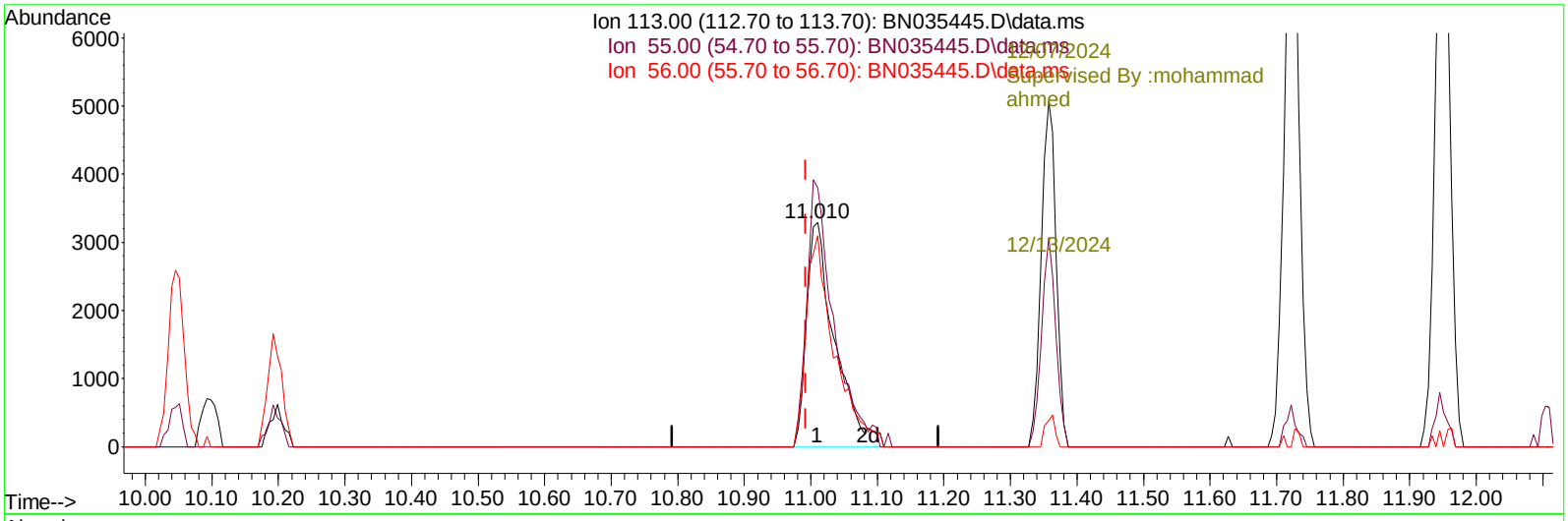

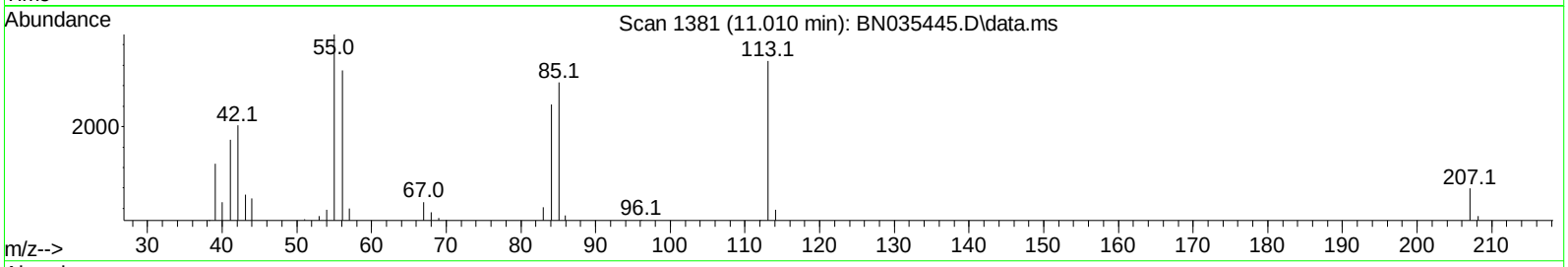

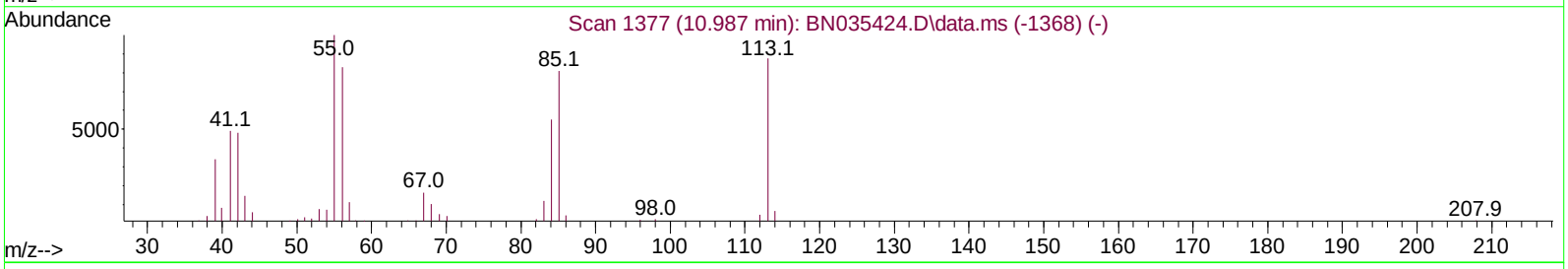

TIC: BN035445.D\data.ms

(34) Caprolactam

11.010min (+ 0.017) 4.15 ng/ul m

response 9679

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	115.63
56.00	86.70	94.10
0.00	0.00	0.00

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ClientSampleId :
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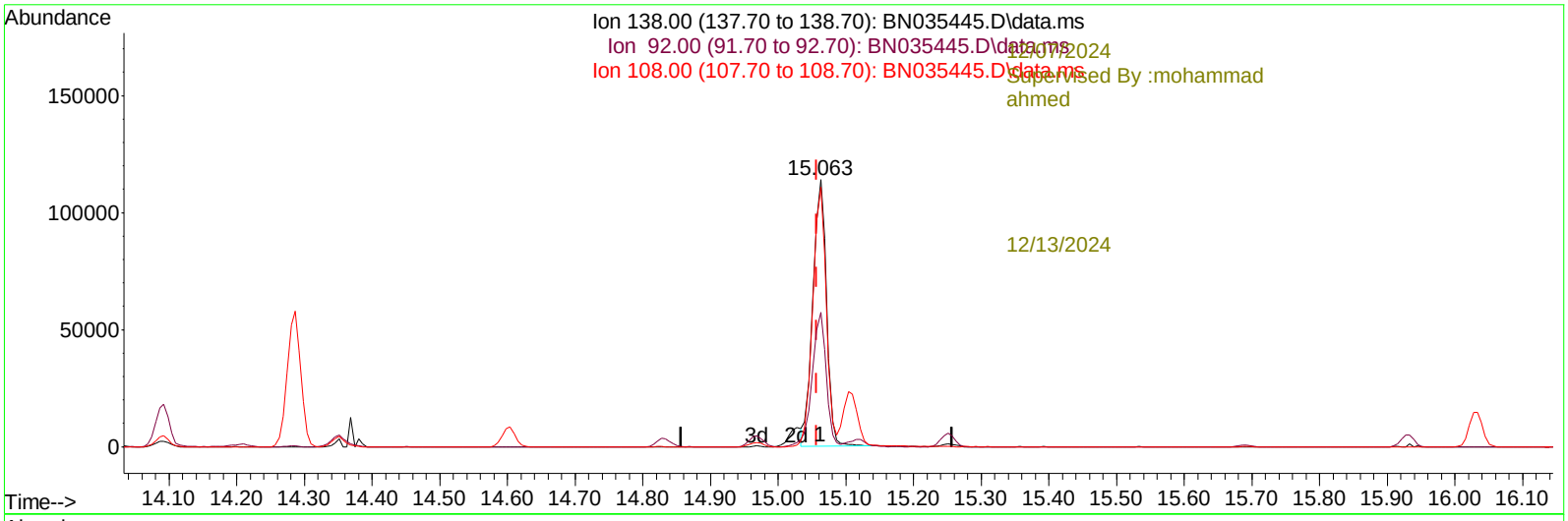

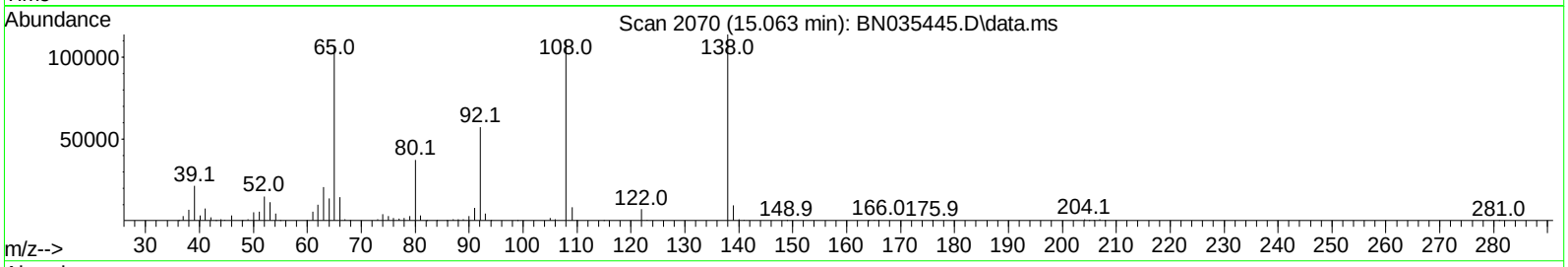

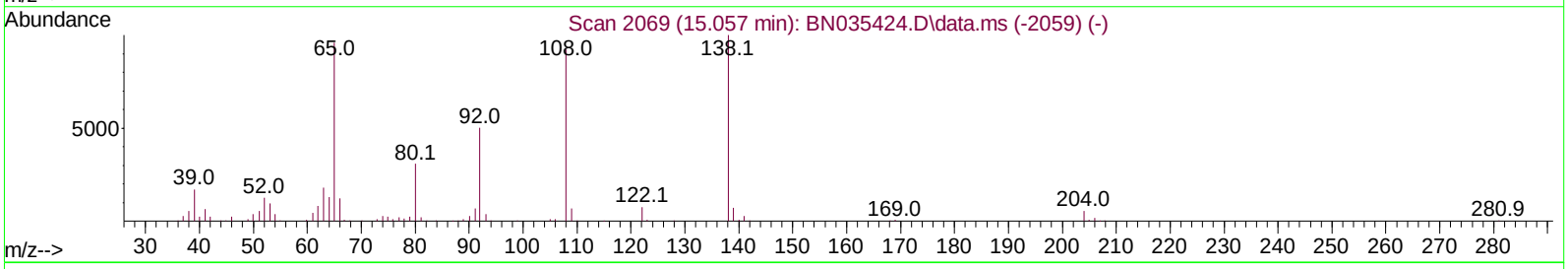

TIC: BN035445.D\data.ms

(63) 4-Nitroaniline

15.063min (+ 0.006) 35.12 ng/ul

response 160751

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	50.40
108.00	94.00	97.16
0.00	0.00	0.00

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Operator : RC/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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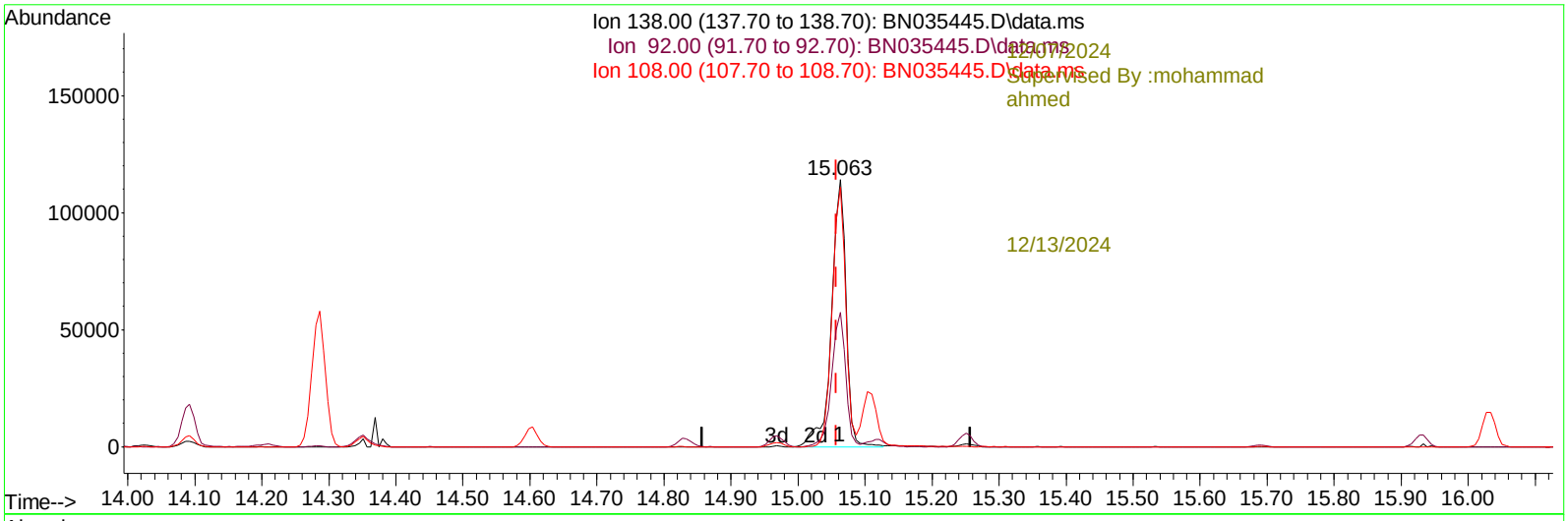

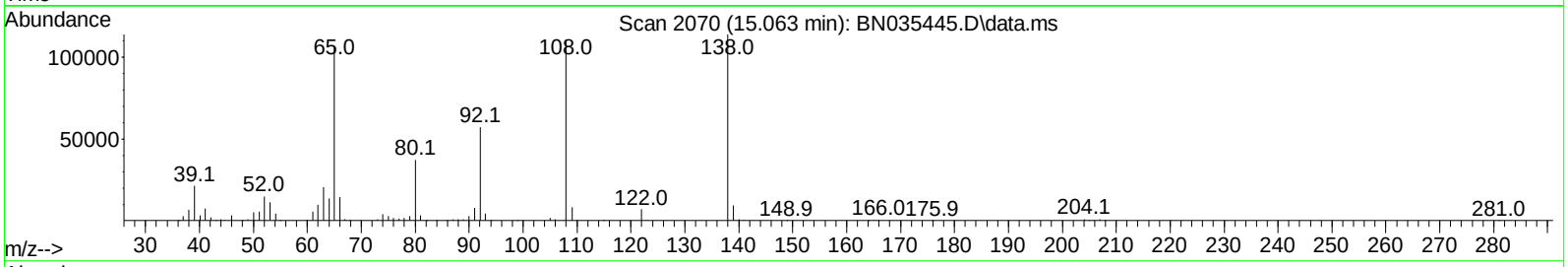

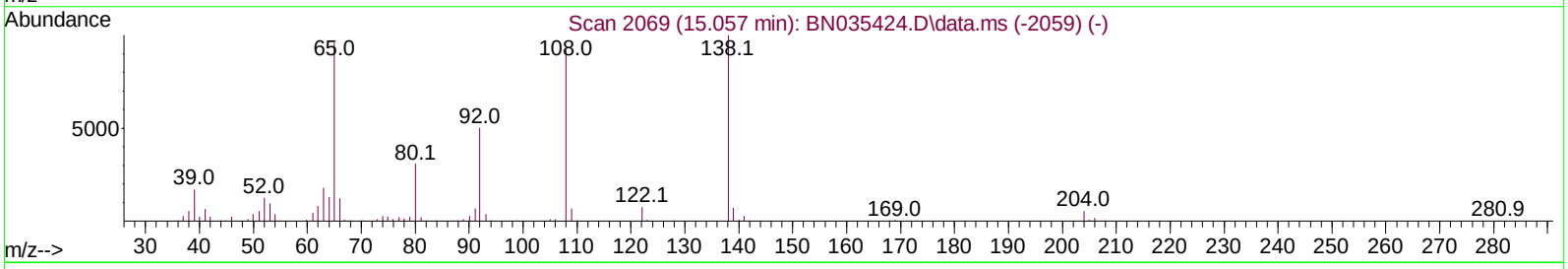

TIC: BN035445.D\data.ms

(63) 4-Nitroaniline

15.063min (+ 0.006) 37.69 ng/ul m

response 172499

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	50.40
108.00	94.00	97.16
0.00	0.00	0.00

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Misc :
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QLast Update : Mon Dec 02 18:25:21 2024
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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)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.298	152	112003	20.000	ng/ul	0.00
20) Naphthalene-d8	10.045	136	484857	20.000	ng/ul	0.00
38) Acenaphthene-d10	13.963	164	380600	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.727	188	831718	20.000	ng/ul	0.00
79) Chrysene-d12	20.980	240	857112	20.000	ng/ul	0.00
88) Perylene-d12	23.656	264	1025452	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	9711	4.097	ng/uL	0.00
4) Pyridine-d5	3.340	84	42134	6.744	ng/ul	0.00
7) Phenol-d5	6.498	99	84870	10.637	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.657	67	120314	27.039	ng/ul	0.00
11) 2-Chlorophenol-d4	6.840	132	170499	25.216	ng/ul	0.00
15) 4-Methylphenol-d8	8.016	113	150946	21.708	ng/ul	0.00
21) Nitrobenzene-d5	8.440	128	92396	29.331	ng/ul	0.00
24) 2-Nitrophenol-d4	9.151	143	110741	30.372	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	226146	28.378	ng/ul	0.00
31) 4-Chloroaniline-d4	10.192	131	245595	24.959	ng/ul	0.00
46) Dimethylphthalate-d6	13.392	166	851467	31.157	ng/ul	0.00
49) Acenaphthylene-d8	13.645	160	854318	28.386	ng/ul	0.00
54) 4-Nitrophenol-d4	14.192	143	47208	10.490	ng/ul	0.00
60) Fluorene-d10	14.969	176	703122	29.793	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.110	200	162576	37.064	ng/ul	0.00
73) Anthracene-d10	16.827	188	1130020	30.804	ng/ul	0.00
81) Pyrene-d10	19.151	212	1394850	30.812	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	1621202	32.649	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	10844	4.080	ng/uL#	96
5) Pyridine	3.357	79	39002	6.225	ng/ul	99
6) Benzaldehyde	6.457	77	76387	17.749	ng/ul	96
8) Phenol	6.528	94	92892	11.241	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.751	93	172871	26.721	ng/ul	100
12) 2-Chlorophenol	6.869	128	172829	24.562	ng/ul	98
13) 2-Methylphenol	7.751	108	152927	23.834	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	7.822	45	130465	25.515	ng/ul	98
16) Acetophenone	8.110	105	304715	27.748	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.110	70	142679	27.329	ng/ul	99
18) 4-Methylphenol	8.081	108	159949	22.435	ng/ul	98
19) Hexachloroethane	8.351	117	67727	22.528	ng/ul	94
22) Nitrobenzene	8.481	77	224226	28.339	ng/ul	98
23) Isophorone	9.004	82	436605	27.537	ng/ul	99
25) 2-Nitrophenol	9.181	139	120486	29.167	ng/ul	98
26) 2,4-Dimethylphenol	9.257	107	196164	23.691	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.498	93	259788	26.897	ng/ul	97
29) 2,4-Dichlorophenol	9.710	162	225322	27.944	ng/ul	97
30) Naphthalene	10.098	128	634378	25.745	ng/ul	99
32) 4-Chloroaniline	10.216	127	99314	10.536	ng/ul	99
33) Hexachlorobutadiene	10.392	225	145468	25.563	ng/ul	98
34) Caprolactam	11.010	113	9679m	4.154	ng/ul	
35) 4-Chloro-3-methylphenol	11.357	107	246931	29.399	ng/ul	100

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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	495041	26.979	ng/ul	99
37) 1-Methylnaphthalene	11.951	142	492895	26.203	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.110	216	304069	27.109	ng/ul	99
40) Hexachlorocyclopentadiene	12.092	237	131439	23.326	ng/ul	97
41) 2,4,6-Trichlorophenol	12.363	196	212416	29.203	ng/ul	91
42) 2,4,5-Trichlorophenol	12.433	196	242930	29.976	ng/ul	96
43) 1,1'-Biphenyl	12.781	154	713570	27.166	ng/ul	98
44) 2-Chloronaphthalene	12.810	162	558961	26.605	ng/ul	98
45) 2-Nitroaniline	13.033	65	149188	36.128	ng/ul	93
47) Dimethylphthalate	13.439	163	831515	30.414	ng/ul	98
48) 2,6-Dinitrotoluene	13.551	165	165822	36.390	ng/ul	93
50) Acenaphthylene	13.675	152	885588	27.684	ng/ul	99
51) 3-Nitroaniline	13.880	138	136214	28.863	ng/ul	100
52) Acenaphthene	14.028	153	648902	28.183	ng/ul	96
53) 2,4-Dinitrophenol	14.092	184	114602	36.006	ng/ul	95
55) 4-Nitrophenol	14.210	109	45306	10.660	ng/ul	93
56) Dibenzofuran	14.369	168	922197	28.170	ng/ul	97
57) 2,4-Dinitrotoluene	14.351	165	250736	34.675	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.604	232	214132	30.331	ng/ul	96
59) Diethylphthalate	14.833	149	836579	31.309	ng/ul	100
61) Fluorene	15.027	166	771882	29.269	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.033	204	381505	28.312	ng/ul	96
63) 4-Nitroaniline	15.063	138	172499m	37.689	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.122	198	175560	36.940	ng/ul#	97
67) N-Nitrosodiphenylamine	15.251	169	696838	31.537	ng/ul	99
68) 4-Bromophenyl-phenylether	15.933	248	268739	31.950	ng/ul	97
69) Hexachlorobenzene	16.033	284	313292	31.378	ng/ul	99
70) Atrazine	16.221	200	1658	0.210	ng/ul#	93
71) Pentachlorophenol	16.386	266	204429	32.249	ng/ul	96
72) Phenanthrene	16.769	178	1328013	31.012	ng/ul	99
74) Anthracene	16.863	178	1305021	30.184	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.733	216	306973	27.837	ng/uL	97
76) Pentachlorobenzene	14.286	250	340968	30.035	ng/uL	97
77) Carbazole	17.139	167	1205864	33.517	ng/ul	99
78) Di-n-butylphthalate	17.739	149	1411172	33.695	ng/ul	100
80) Fluoranthene	18.810	202	1601977	30.152	ng/ul	99
82) Pyrene	19.180	202	1689119	29.645	ng/ul	97
83) Butylbenzylphthalate	20.133	149	578627	36.031	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.909	252	507365	33.201	ng/ul	98
85) Benzo(a)anthracene	20.962	228	1757857	30.550	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.939	149	911375	35.992	ng/ul	100
87) Chrysene	21.021	228	1705288	30.758	ng/ul	98
89) Di-n-octyl phthalate	21.968	149	1647546	35.345	ng/ul	100
90) Benzo(b)fluoranthene	22.821	252	1917297	32.437	ng/ul	98
91) Benzo(k)fluoranthene	22.880	252	1843218	30.453	ng/ul	98
93) Benzo(a)pyrene	23.533	252	1741097	31.385	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.609	276	2084440	31.500	ng/ul	97
95) Dibenzo(a,h)anthracene	26.656	278	1677924	31.296	ng/ul	98
96) Benzo(g,h,i)perylene	27.515	276	1568673	31.233	ng/ul	99

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

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