Quantitation Report (Qedit)

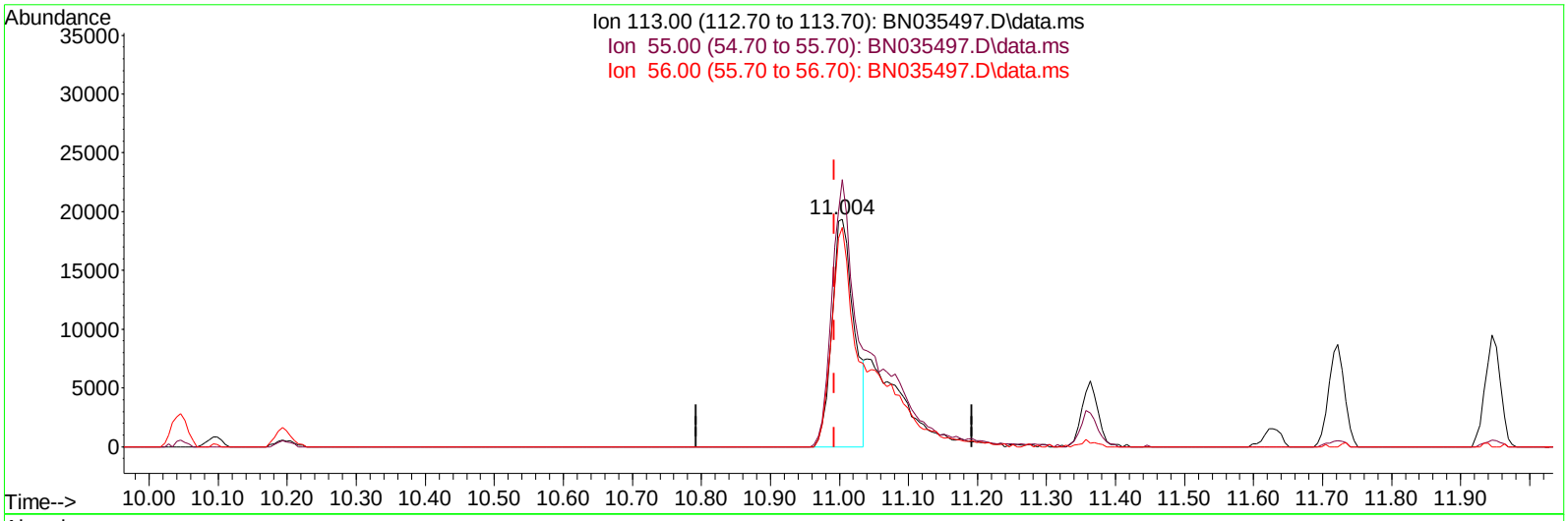
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
Data File : BN035497.D
Acq On : 07 Dec 2024 19:36
Operator : RC/JU
Sample : PB165451BS
Misc :
ALS Vial : 80 Sample Multiplier: 1

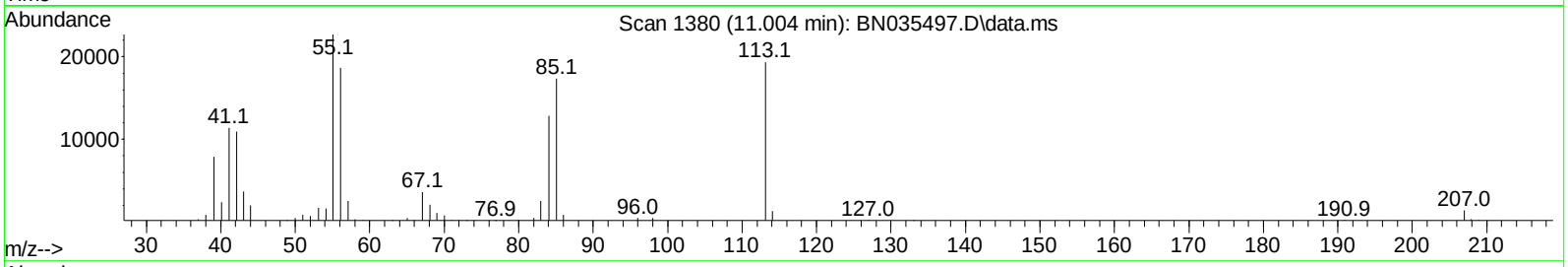
Quant Time: Dec 09 00:40:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration

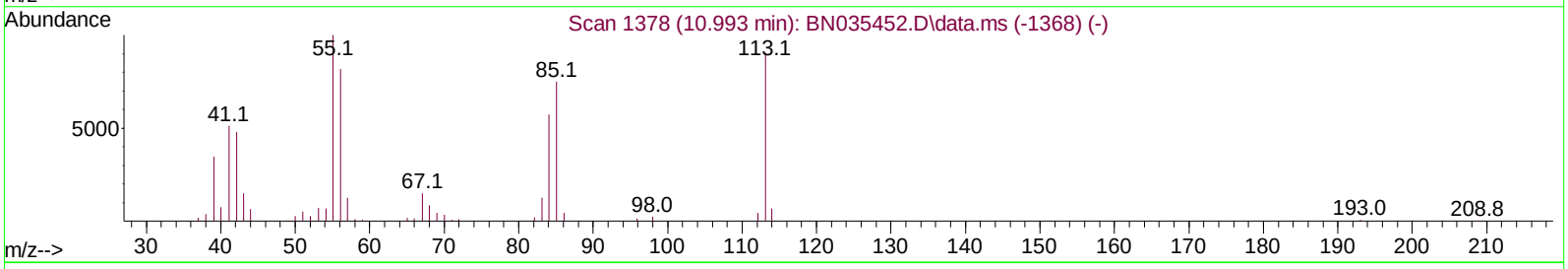
Instrument :
BNA_N
ClientSampleId :
SLCS451

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/09/2024
Supervised By :mohammad ahmed 12/13/2024







TIC: BN035497.D\data.ms

(34) Caprolactam

11.004min (+ 0.012) 19.01 ng/ul

response 43371

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	117.22
56.00	86.70	96.37
0.00	0.00	0.00

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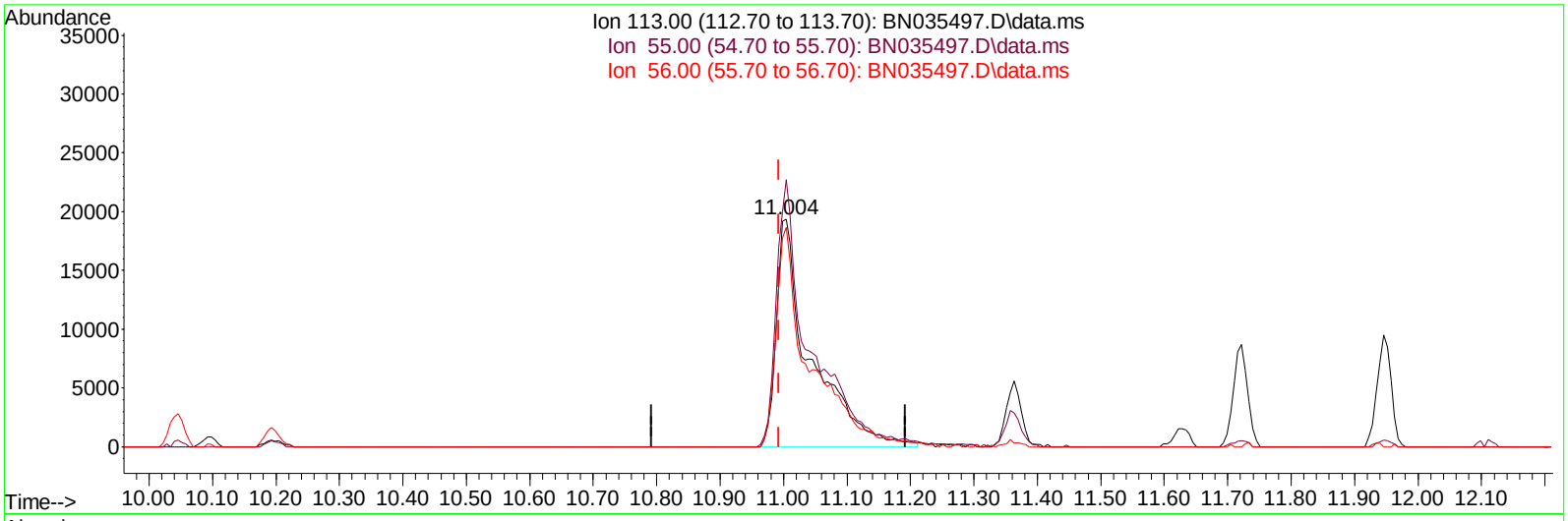

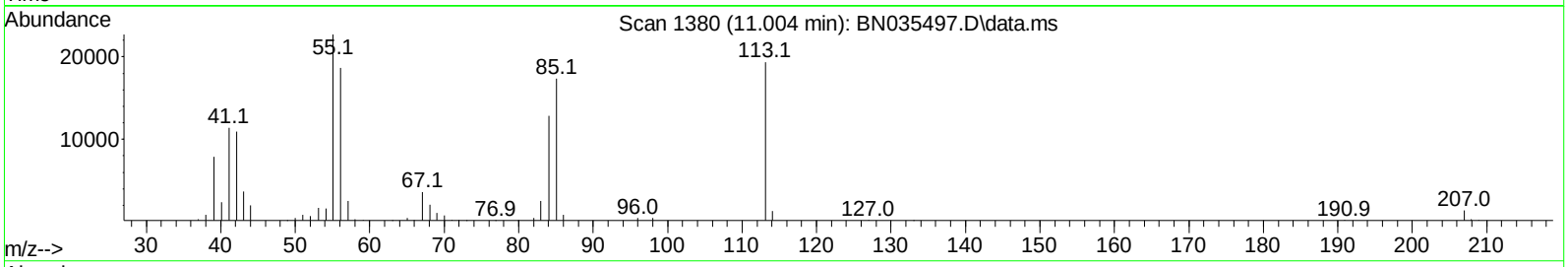

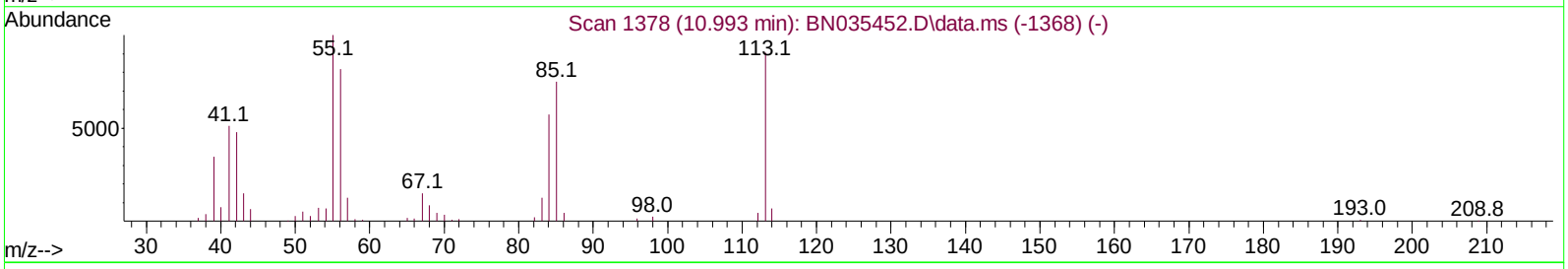

TIC: BN035497.D\data.ms

(34) Caprolactam

11.004min (+ 0.012) 31.67 ng/ul m

response 72278

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	117.22
56.00	86.70	96.37
0.00	0.00	0.00

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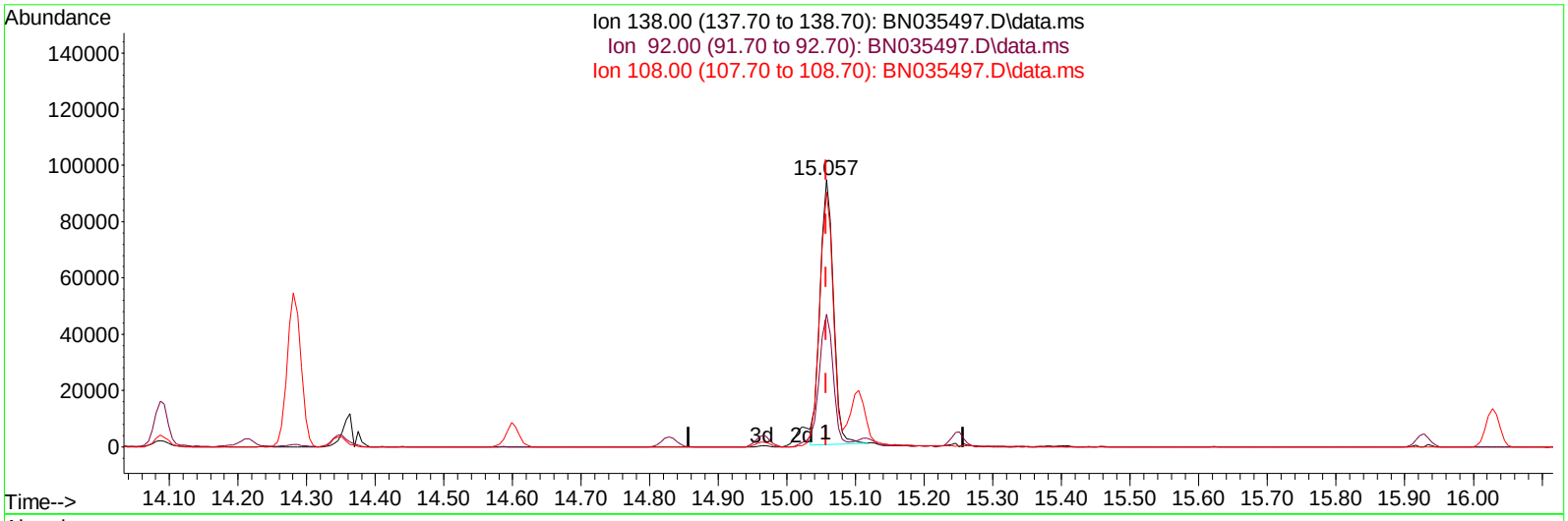

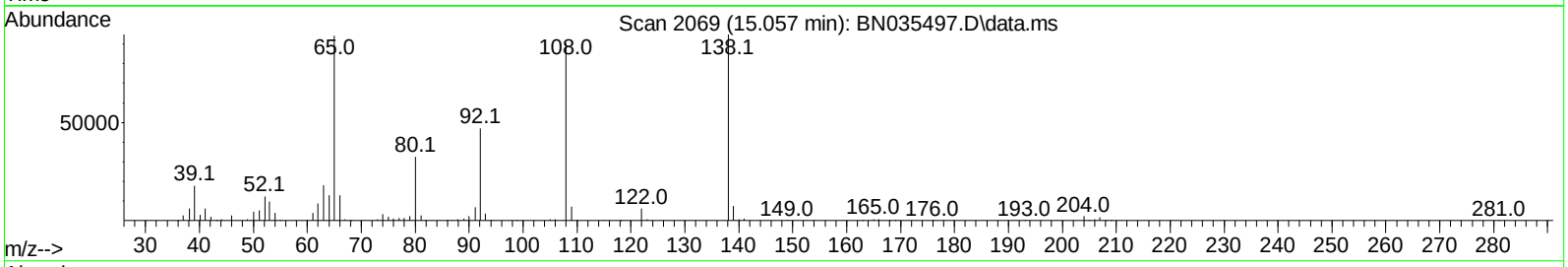

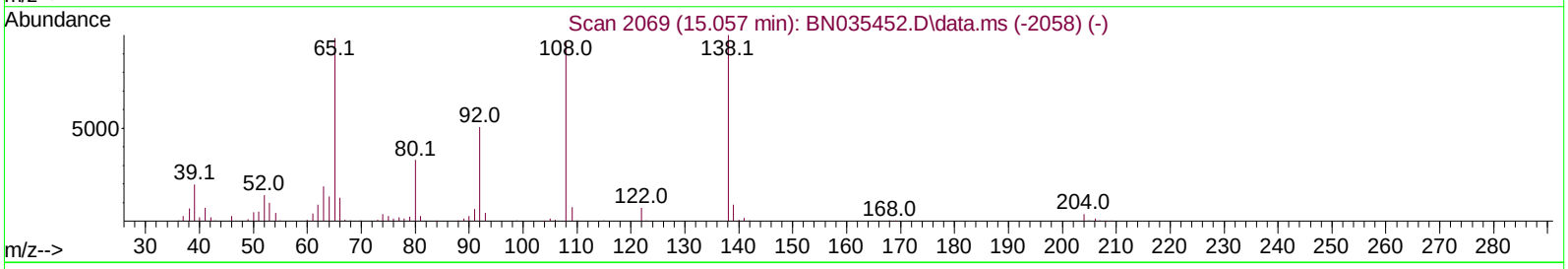

TIC: BN035497.D\data.ms

(63) 4-Nitroaniline

15.057min (-0.000) 28.47 ng/ul

response 127211

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	49.68
108.00	94.00	95.29
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 80 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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Manual IntegrationsAPPROVED

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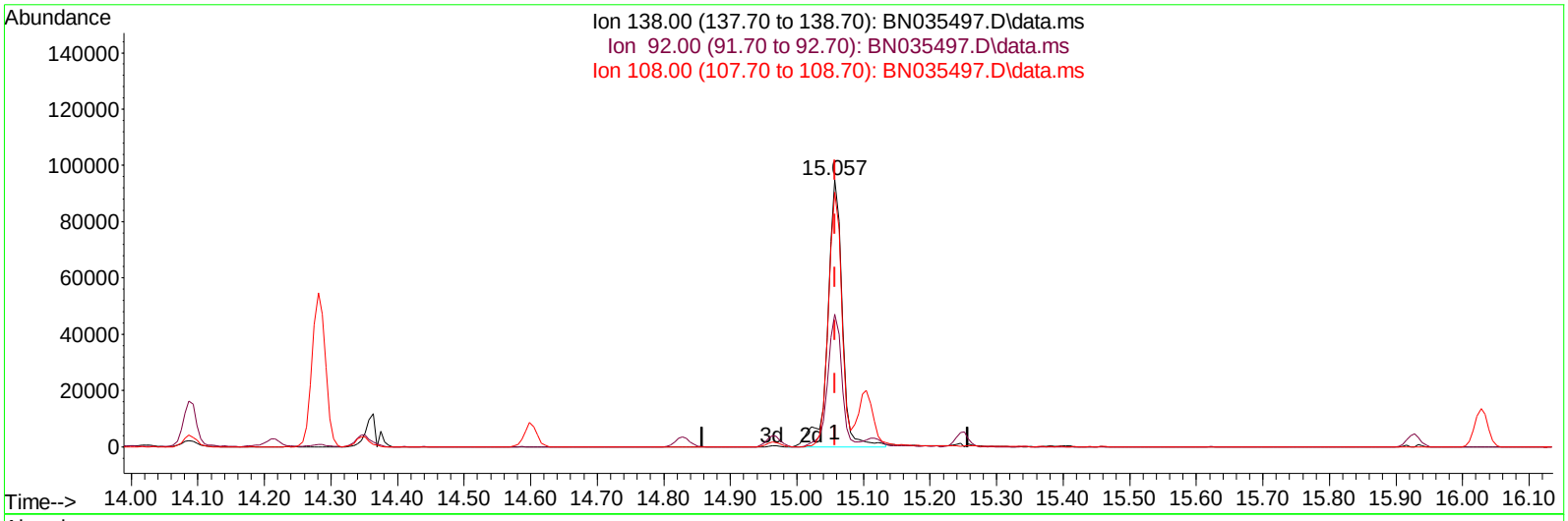

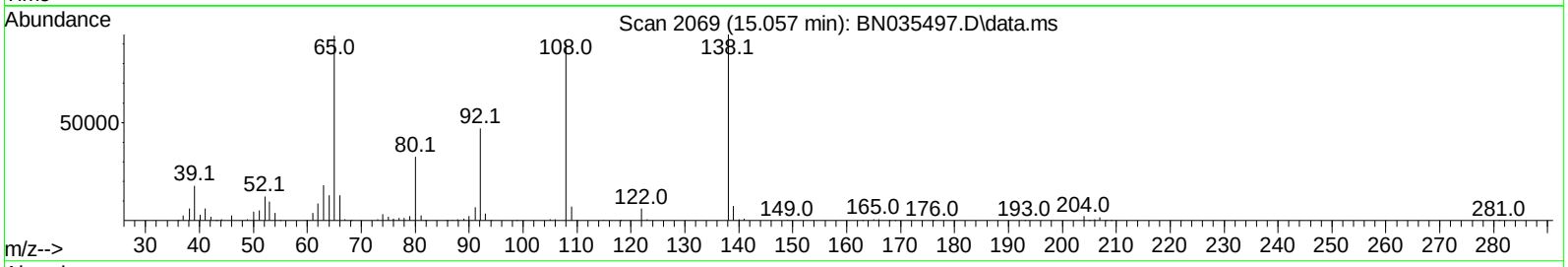

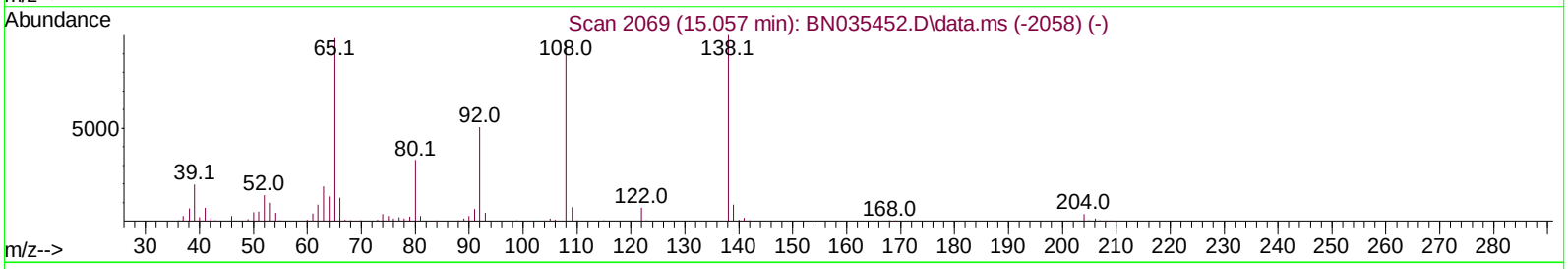

TIC: BN035497.D\data.ms

(63) 4-Nitroaniline

15.057min (-0.000) 32.14 ng/ul m

response 143638

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	49.68
108.00	94.00	95.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Dec 09 00:41:53 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/09/2024
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	114408	20.000	ng/ul	0.00
20) Naphthalene-d8	10.046	136	474906	20.000	ng/ul	0.00
38) Acenaphthene-d10	13.957	164	371607	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.722	188	754286	20.000	ng/ul	0.00
79) Chrysene-d12	20.980	240	628118	20.000	ng/ul	0.00
88) Perylene-d12	23.645	264	645256	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.970	96	14747	6.091	ng/uL	0.00
4) Pyridine-d5	3.352	84	172788	27.073	ng/ul	0.01
7) Phenol-d5	6.505	99	289912	35.571	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.658	67	137791	30.315	ng/ul	0.00
11) 2-Chlorophenol-d4	6.840	132	242031	35.043	ng/ul	0.00
15) 4-Methylphenol-d8	8.022	113	242543	34.148	ng/ul	0.00
21) Nitrobenzene-d5	8.434	128	105179	34.089	ng/ul	0.00
24) 2-Nitrophenol-d4	9.146	143	125217	35.062	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	274238	35.134	ng/ul	0.00
31) 4-Chloroaniline-d4	10.193	131	289998	30.089	ng/ul	0.00
46) Dimethylphthalate-d6	13.387	166	827700	31.020	ng/ul	0.00
49) Acenaphthylene-d8	13.640	160	871823	29.669	ng/ul	0.00
54) 4-Nitrophenol-d4	14.198	143	135448	30.827	ng/ul	0.00
60) Fluorene-d10	14.969	176	638358	27.703	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	133102	33.460	ng/ul	0.00
73) Anthracene-d10	16.822	188	1005804	30.233	ng/ul	0.00
81) Pyrene-d10	19.145	212	1082109	32.618	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.463	264	978573	31.319	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.999	88	28085	10.345	ng/uL#	96
5) Pyridine	3.370	79	171319	26.769	ng/ul	99
6) Benzaldehyde	6.464	77	35288	8.027	ng/ul	97
8) Phenol	6.534	94	295342	34.988	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.752	93	198565	30.047	ng/ul	98
12) 2-Chlorophenol	6.875	128	248890	34.627	ng/ul	98
13) 2-Methylphenol	7.752	108	221138	33.740	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	7.822	45	156846	30.029	ng/ul	100
16) Acetophenone	8.111	105	333900	29.767	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.111	70	161057	30.201	ng/ul	99
18) 4-Methylphenol	8.081	108	254040	34.883	ng/ul	96
19) Hexachloroethane	8.346	117	88743	28.898	ng/ul	98
22) Nitrobenzene	8.475	77	249596	32.206	ng/ul	98
23) Isophorone	9.005	82	496705	31.983	ng/ul	98
25) 2-Nitrophenol	9.181	139	135820	33.568	ng/ul	99
26) 2,4-Dimethylphenol	9.263	107	278074	34.287	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.493	93	287113	30.349	ng/ul	98
29) 2,4-Dichlorophenol	9.710	162	276945	35.066	ng/ul	99
30) Naphthalene	10.093	128	710782	29.450	ng/ul	99
32) 4-Chloroaniline	10.216	127	185496	20.091	ng/ul	99
33) Hexachlorobutadiene	10.387	225	161915	29.049	ng/ul	96
34) Caprolactam	11.004	113	72278m	31.673	ng/ul	
35) 4-Chloro-3-methylphenol	11.363	107	275910	33.537	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.722	142	533070	29.660	ng/ul	98
37) 1-Methylnaphthalene	11.946	142	534825	29.027	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.104	216	316882	28.935	ng/ul	99
40) Hexachlorocyclopentadiene	12.087	237	162234	29.488	ng/ul	95
41) 2,4,6-Trichlorophenol	12.363	196	233716	32.909	ng/ul	94
42) 2,4,5-Trichlorophenol	12.434	196	251614	31.799	ng/ul	94
43) 1,1'-Biphenyl	12.775	154	749209	29.213	ng/ul	96
44) 2-Chloronaphthalene	12.810	162	587623	28.646	ng/ul	97
45) 2-Nitroaniline	13.034	65	148881	36.926	ng/ul	92
47) Dimethylphthalate	13.440	163	819891	30.715	ng/ul	98
48) 2,6-Dinitrotoluene	13.551	165	162761	36.583	ng/ul	99
50) Acenaphthylene	13.669	152	917695	29.382	ng/ul	98
51) 3-Nitroaniline	13.881	138	145709	31.622	ng/ul	97
52) Acenaphthene	14.022	153	648920	28.866	ng/ul	96
53) 2,4-Dinitrophenol	14.087	184	98133	31.578	ng/ul	96
55) 4-Nitrophenol	14.216	109	123812	29.836	ng/ul	94
56) Dibenzofuran	14.363	168	892244	27.914	ng/ul	98
57) 2,4-Dinitrotoluene	14.345	165	235222	33.317	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.598	232	206003	29.886	ng/ul	99
59) Diethylphthalate	14.828	149	759722	29.121	ng/ul	99
61) Fluorene	15.022	166	709691	27.562	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.034	204	367139	27.905	ng/ul	99
63) 4-Nitroaniline	15.057	138	143638m	32.143	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.116	198	150375	34.889	ng/ul	94
67) N-Nitrosodiphenylamine	15.251	169	642620	32.069	ng/ul	100
68) 4-Bromophenyl-phenylether	15.928	248	235321	30.849	ng/ul	96
69) Hexachlorobenzene	16.028	284	277271	30.621	ng/ul	98
70) Atrazine	16.228	200	236358	33.024	ng/ul	99
71) Pentachlorophenol	16.381	266	188086	32.717	ng/ul	98
72) Phenanthrene	16.769	178	1139936	29.353	ng/ul	99
74) Anthracene	16.857	178	1151872	29.377	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.728	216	324304	32.427	ng/uL	98
76) Pentachlorobenzene	14.281	250	321781	31.255	ng/uL	99
77) Carbazole	17.139	167	999917	30.646	ng/ul	99
78) Di-n-butylphthalate	17.734	149	1254055	33.018	ng/ul	99
80) Fluoranthene	18.804	202	1303071	33.467	ng/ul	100
82) Pyrene	19.175	202	1374179	32.910	ng/ul	98
83) Butylbenzylphthalate	20.128	149	450981	38.320	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.904	252	332594	29.699	ng/ul	100
85) Benzo(a)anthracene	20.963	228	1247290	29.579	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.933	149	679101	36.596	ng/ul	98
87) Chrysene	21.016	228	1198087	29.488	ng/ul	99
89) Di-n-octyl phthalate	21.963	149	1103066	37.608	ng/ul	100
90) Benzo(b)fluoranthene	22.816	252	1194697	32.121	ng/ul	99
91) Benzo(k)fluoranthene	22.869	252	1159629	30.448	ng/ul	99
93) Benzo(a)pyrene	23.527	252	1080352	30.949	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.586	276	1244804	29.895	ng/ul	98
95) Dibenzo(a,h)anthracene	26.645	278	1009259	29.915	ng/ul	100
96) Benzo(g,h,i)perylene	27.498	276	941349	29.786	ng/ul	99

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

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