Quantitation Report (Qedit)

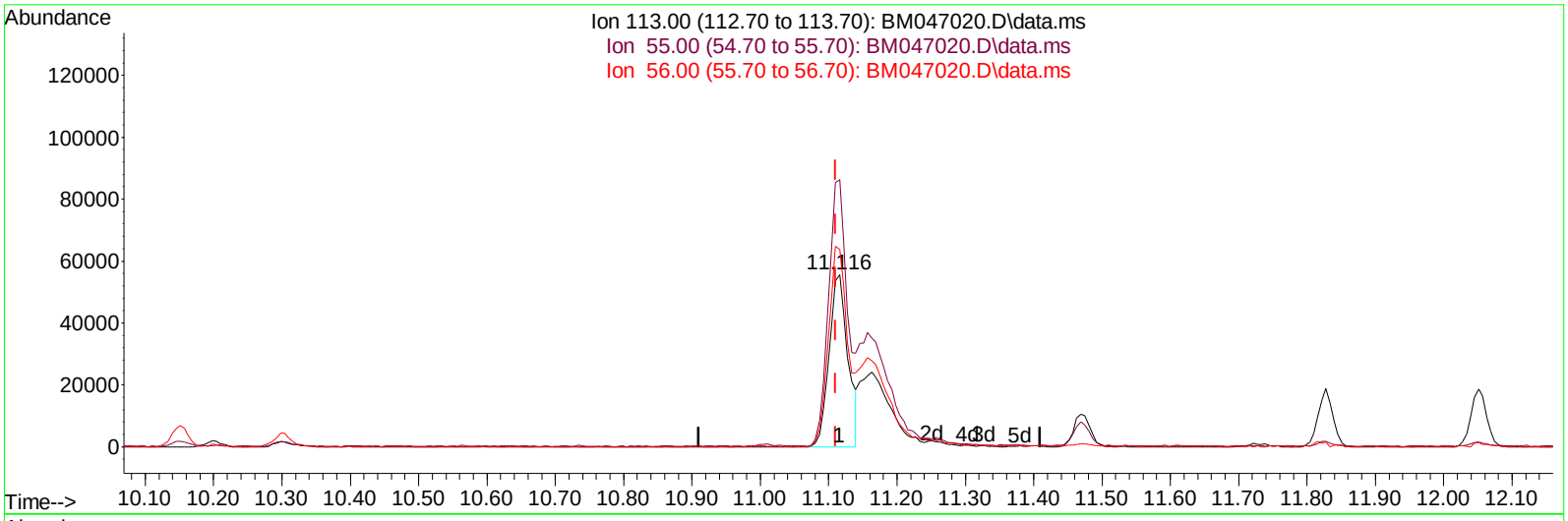
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
Data File : BM047020.D
Acq On : 06 Aug 2024 10:55
Operator : RC/JU
Sample : PB162381BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

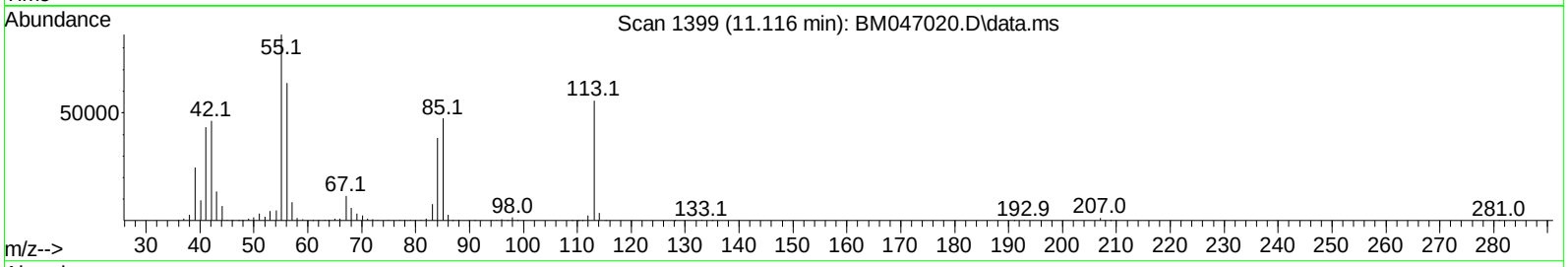
Quant Time: Aug 06 12:02:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 04:53:02 2024
Response via : Initial Calibration

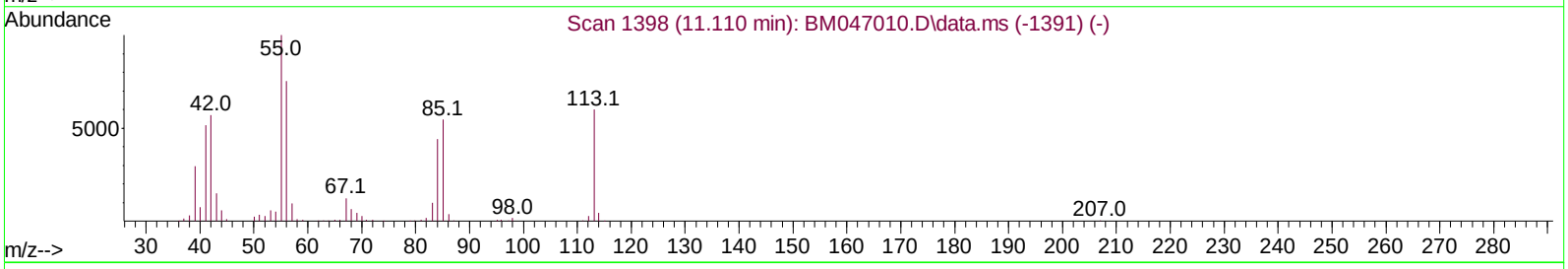
Instrument :
BNA_M
ClientSampleId :
SLCS381

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/07/2024







TIC: BM047020.D\data.ms

(34) Caprolactam

11.116min (+ 0.006) 20.17 ng/ul

response 106270

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	154.82
56.00	118.20	114.57
0.00	0.00	0.00

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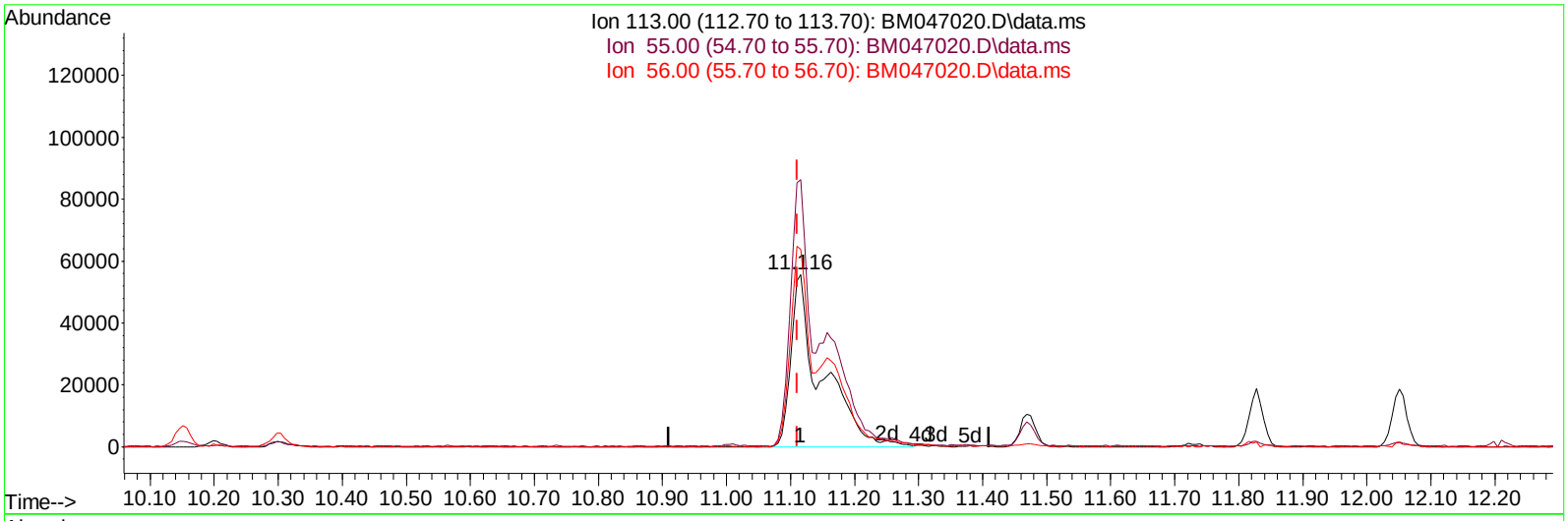

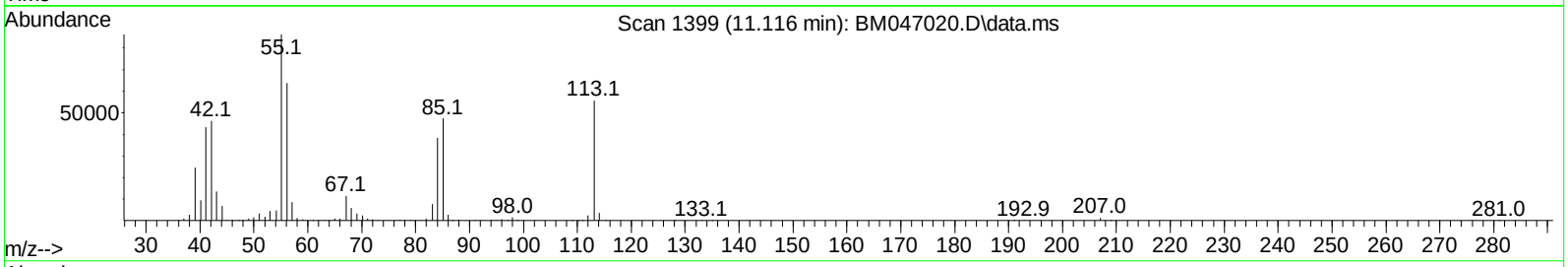

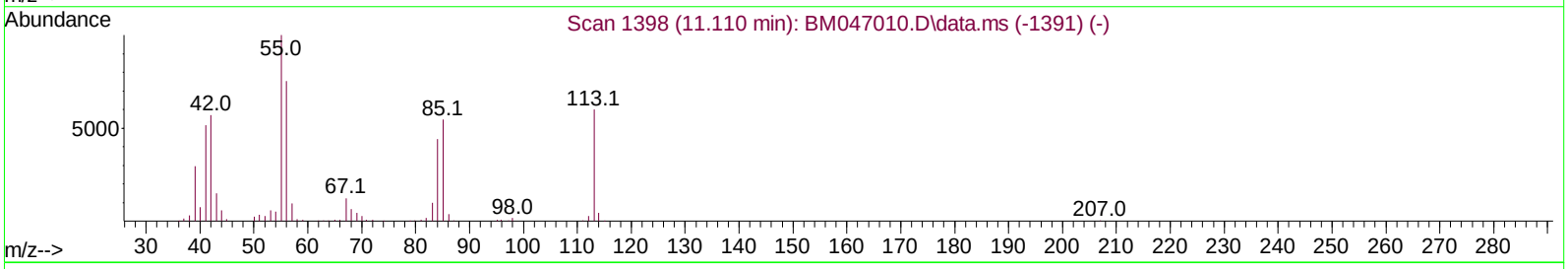

TIC: BM047020.D\data.ms

(34) Caprolactam

11.116min (+ 0.006) 34.96 ng/ul m

response 184186

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	154.82
56.00	118.20	114.57
0.00	0.00	0.00

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Acq On : 06 Aug 2024 10:55
Operator : RC/JU
Sample : PB162381BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 06 12:03:22 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 04:53:02 2024
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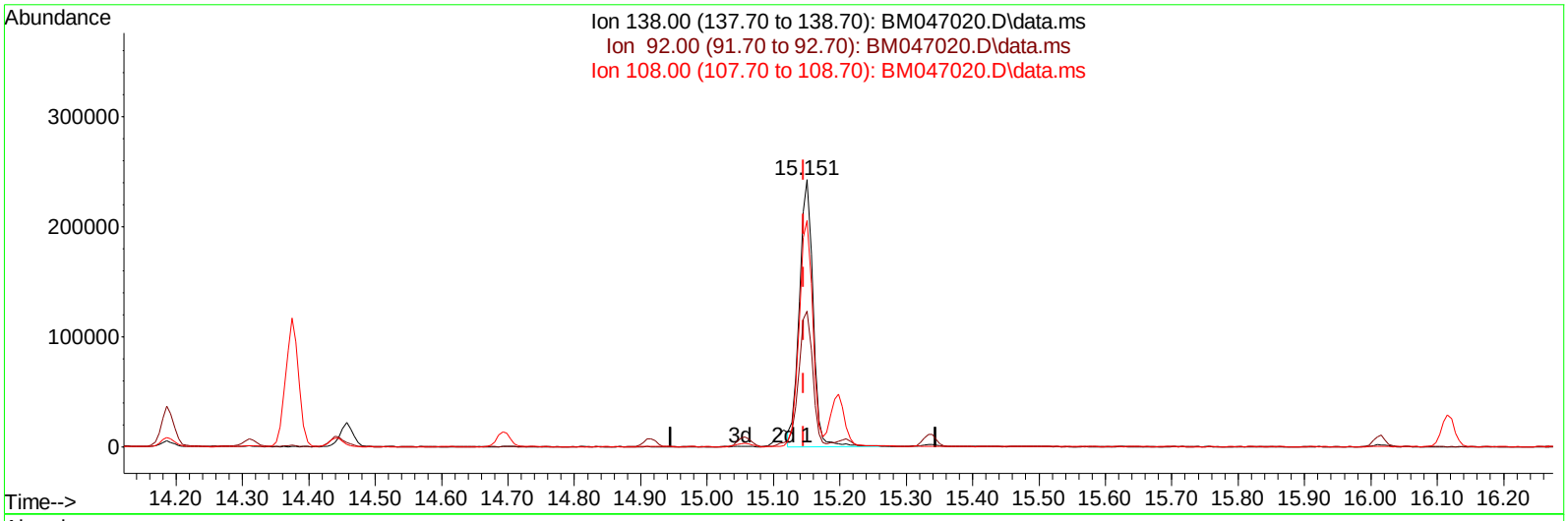

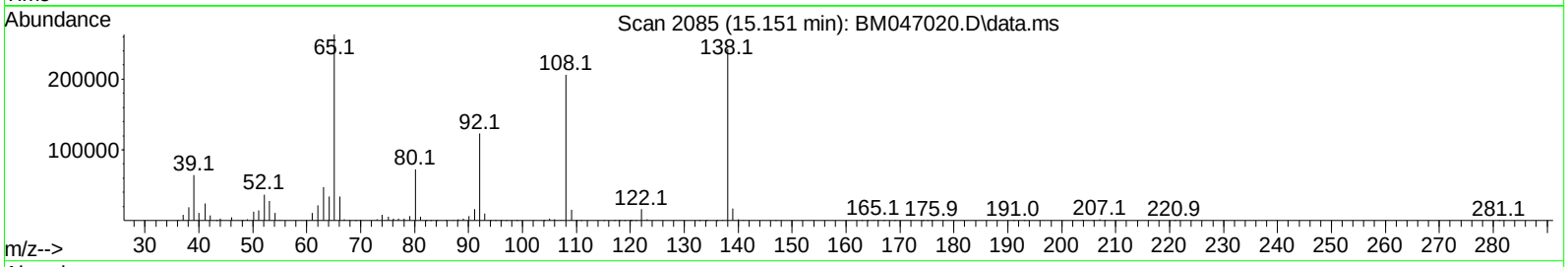

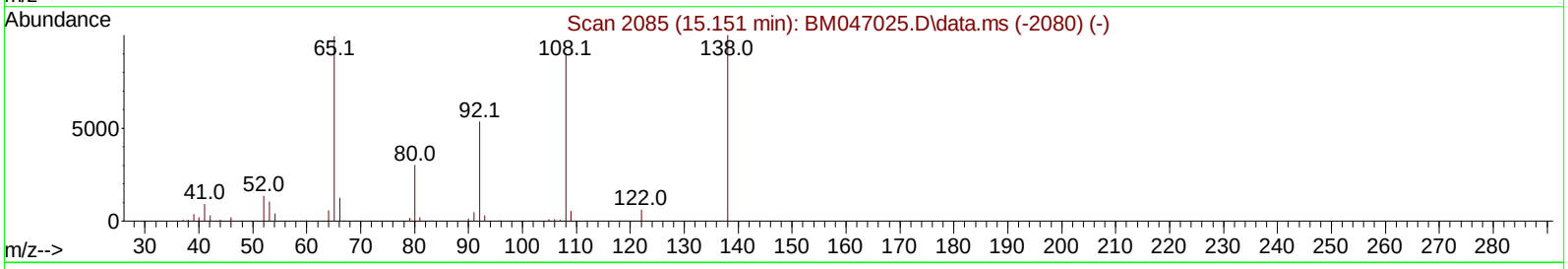

TIC: BM047020.D\data.ms

(63) 4-Nitroaniline

15.151min (+ 0.006) 33.83 ng/ul

response 347120

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	50.77
108.00	109.10	84.83#
0.00	0.00	0.00

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Misc :
ALS Vial : 38 Sample Multiplier: 1

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Instrument :
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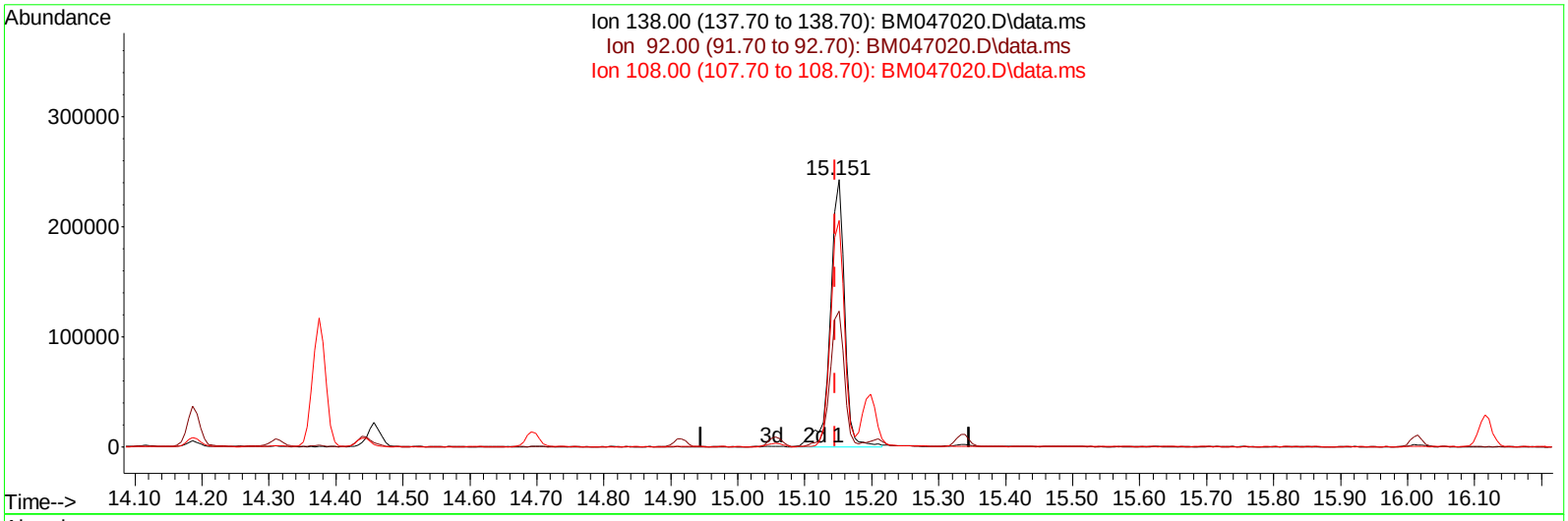

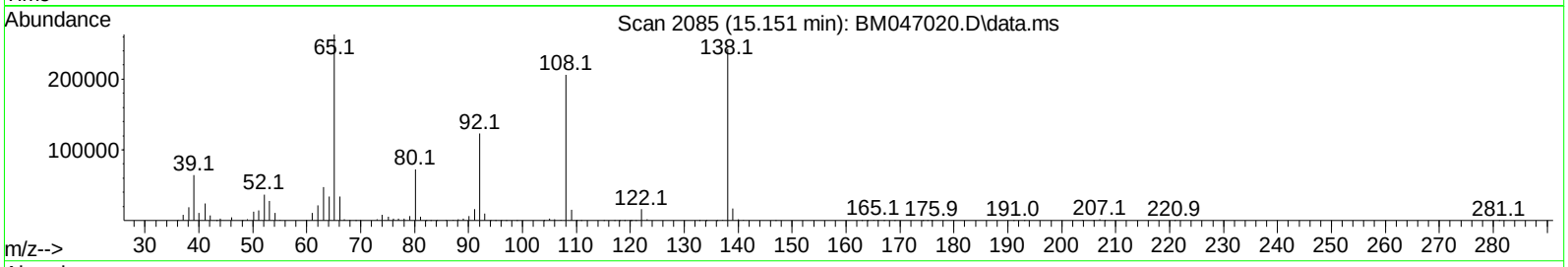

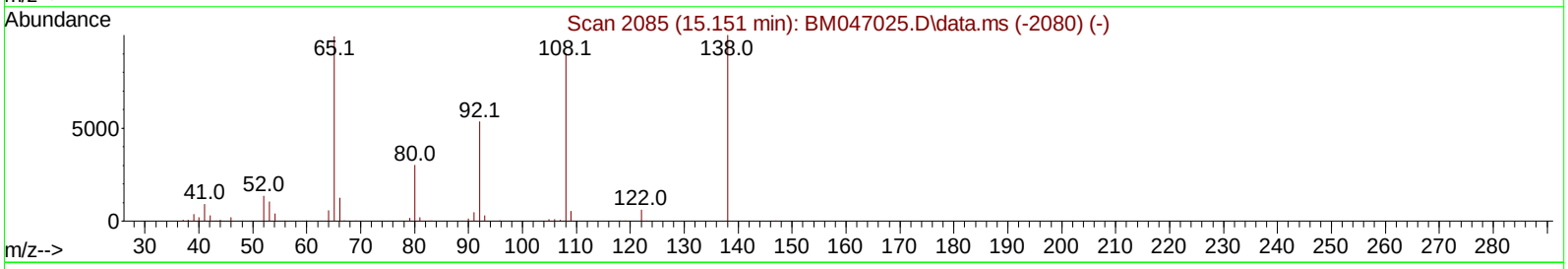

TIC: BM047020.D\data.ms

(63) 4-Nitroaniline

15.151min (+ 0.006) 35.45 ng/ul m

response 363718

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	50.77
108.00	109.10	84.83#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Aug 07 01:16:18 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.393	152	258501	20.000	ng/ul	0.00
20) Naphthalene-d8	10.151	136	1036718	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.051	164	683580	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.810	188	1443187	20.000	ng/ul	0.00
79) Chrysene-d12	21.050	240	1198100	20.000	ng/ul	0.00
88) Perylene-d12	23.756	264	1360140	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	36276	5.560	ng/uL	0.00
4) Pyridine-d5	3.405	84	498489	28.008	ng/ul	0.00
7) Phenol-d5	6.598	99	669704	34.104	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	410985	31.808	ng/ul	0.00
11) 2-Chlorophenol-d4	6.940	132	533844	32.093	ng/ul	0.00
15) 4-Methylphenol-d8	8.116	113	528308	33.962	ng/ul	0.00
21) Nitrobenzene-d5	8.540	128	271007	32.577	ng/ul	0.00
24) 2-Nitrophenol-d4	9.251	143	312921	34.444	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.787	165	583338	33.444	ng/ul	0.00
31) 4-Chloroaniline-d4	10.298	131	709642	30.957	ng/ul	0.00
46) Dimethylphthalate-d6	13.480	166	1728418	33.069	ng/ul	0.00
49) Acenaphthylene-d8	13.739	160	1899430	32.557	ng/ul	0.00
54) 4-Nitrophenol-d4	14.298	143	332568	32.908	ng/ul	0.00
60) Fluorene-d10	15.057	176	1414228	31.630	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	295486	32.407	ng/ul	0.00
73) Anthracene-d10	16.910	188	2171067	31.733	ng/ul	0.00
81) Pyrene-d10	19.227	212	2494324	36.368	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	2375220	33.164	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.052	88	71612	9.863	ng/uL	95
5) Pyridine	3.422	79	482585	27.388	ng/ul	95
6) Benzaldehyde	6.557	77	374405	33.194	ng/ul	99
8) Phenol	6.628	94	645679	32.650	ng/ul	89
10) Bis(2-Chloroethyl)ether	6.840	93	524529	31.118	ng/ul	97
12) 2-Chlorophenol	6.969	128	527021	31.273	ng/ul	99
13) 2-Methylphenol	7.851	108	480669	31.907	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	7.922	45	668423	33.092	ng/ul	98
16) Acetophenone	8.216	105	761081	31.084	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.210	70	405727	31.423	ng/ul	95
18) 4-Methylphenol	8.181	108	526384	32.340	ng/ul	96
19) Hexachloroethane	8.451	117	234921	28.618	ng/ul	86
22) Nitrobenzene	8.581	77	630115	28.350	ng/ul	95
23) Isophorone	9.110	82	1180307	31.036	ng/ul	98
25) 2-Nitrophenol	9.281	139	317640	31.962	ng/ul#	91
26) 2,4-Dimethylphenol	9.363	107	457674	23.364	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.592	93	712354	30.385	ng/ul	98
29) 2,4-Dichlorophenol	9.816	162	543377	31.235	ng/ul	97
30) Naphthalene	10.198	128	1616798	29.455	ng/ul	99
32) 4-Chloroaniline	10.328	127	607843	27.305	ng/ul	99
33) Hexachlorobutadiene	10.492	225	345834	27.555	ng/ul	97
34) Caprolactam	11.116	113	184186m	34.962	ng/ul	
35) 4-Chloro-3-methylphenol	11.469	107	566066	31.556	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/07/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.828	142	1158827	30.235	ng/ul	100
37) 1-Methylnaphthalene	12.051	142	1155289	29.776	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.210	216	649473	30.295	ng/ul	98
40) Hexachlorocyclopentadiene	12.186	237	281891	19.961	ng/ul	99
41) 2,4,6-Trichlorophenol	12.463	196	422469	30.107	ng/ul	99
42) 2,4,5-Trichlorophenol	12.539	196	471931	31.149	ng/ul	99
43) 1,1'-Biphenyl	12.875	154	1541832	30.149	ng/ul	99
44) 2-Chloronaphthalene	12.910	162	1220017	30.041	ng/ul	98
45) 2-Nitroaniline	13.133	65	393983	31.924	ng/ul	96
47) Dimethylphthalate	13.527	163	1628153	31.044	ng/ul	100
48) 2,6-Dinitrotoluene	13.645	165	346528	33.988	ng/ul#	85
50) Acenaphthylene	13.769	152	1938774	31.465	ng/ul	99
51) 3-Nitroaniline	13.974	138	358163	34.494	ng/ul	97
52) Acenaphthene	14.116	153	1296611	29.189	ng/ul	100
53) 2,4-Dinitrophenol	14.186	184	200082	27.813	ng/ul	88
55) 4-Nitrophenol	14.310	109	259637	25.385	ng/ul#	83
56) Dibenzofuran	14.457	168	1837095	29.467	ng/ul	93
57) 2,4-Dinitrotoluene	14.445	165	506651	32.518	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.692	232	368610	27.368	ng/ul#	96
59) Diethylphthalate	14.916	149	1665051	29.512	ng/ul	98
61) Fluorene	15.116	166	1528932	29.733	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.116	204	730772	28.868	ng/ul	94
63) 4-Nitroaniline	15.151	138	363718m	35.446	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.210	198	303091	30.379	ng/ul	94
67) N-Nitrosodiphenylamine	15.339	169	1314592	30.731	ng/ul	99
68) 4-Bromophenyl-phenylether	16.016	248	486430	31.140	ng/ul	91
69) Hexachlorobenzene	16.116	284	566509	30.799	ng/ul	99
70) Atrazine	16.304	200	197358	11.759	ng/ul	97
71) Pentachlorophenol	16.468	266	326383	26.209	ng/ul	98
72) Phenanthrene	16.857	178	2470604	30.539	ng/ul	100
74) Anthracene	16.945	178	2413587	29.584	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.828	216	646604	31.140	ng/uL	97
76) Pentachlorobenzene	14.374	250	640681	29.808	ng/uL	98
77) Carbazole	17.227	167	2314538	30.602	ng/ul	99
78) Di-n-butylphthalate	17.815	149	2966834	30.847	ng/ul	98
80) Fluoranthene	18.886	202	2879424	35.130	ng/ul	99
82) Pyrene	19.256	202	2966843	33.970	ng/ul	99
83) Butylbenzylphthalate	20.192	149	1364492	35.745	ng/ul	100
84) 3,3'-Dichlorobenzidine	20.974	252	956903	32.580	ng/ul	98
85) Benzo(a)anthracene	21.033	228	2774654	31.710	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.998	149	1920544	34.463	ng/ul	98
87) Chrysene	21.092	228	2583818	30.961	ng/ul	99
89) Di-n-octyl phthalate	22.033	149	3393121	35.362	ng/ul	100
90) Benzo(b)fluoranthene	22.915	252	2764236	32.855	ng/ul	100
91) Benzo(k)fluoranthene	22.968	252	2727104	32.801	ng/ul	98
93) Benzo(a)pyrene	23.633	252	2367046	30.199	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.774	276	3147913	31.346	ng/ul	99
95) Dibenzo(a,h)anthracene	26.827	278	2525969	31.315	ng/ul	100
96) Benzo(g,h,i)perylene	27.709	276	2500503	31.514	ng/ul	98

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

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