Quantitation Report (Qedit)

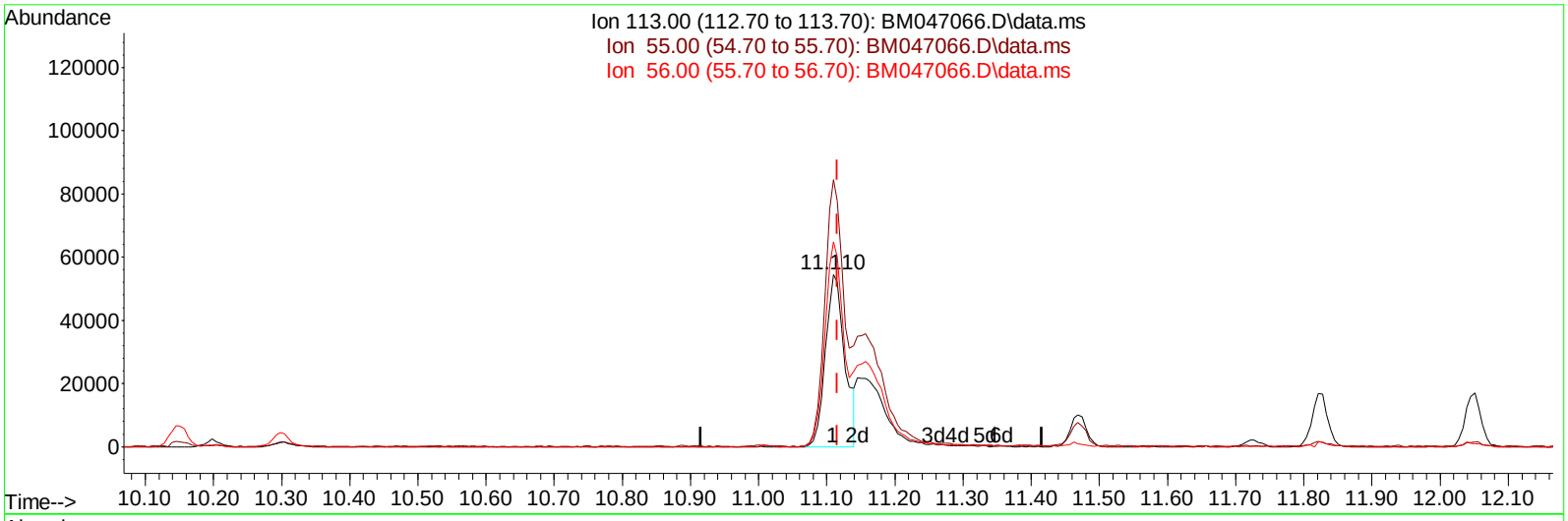
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047066.D
Acq On : 07 Aug 2024 20:48
Operator : RC/JU
Sample : PB162363BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

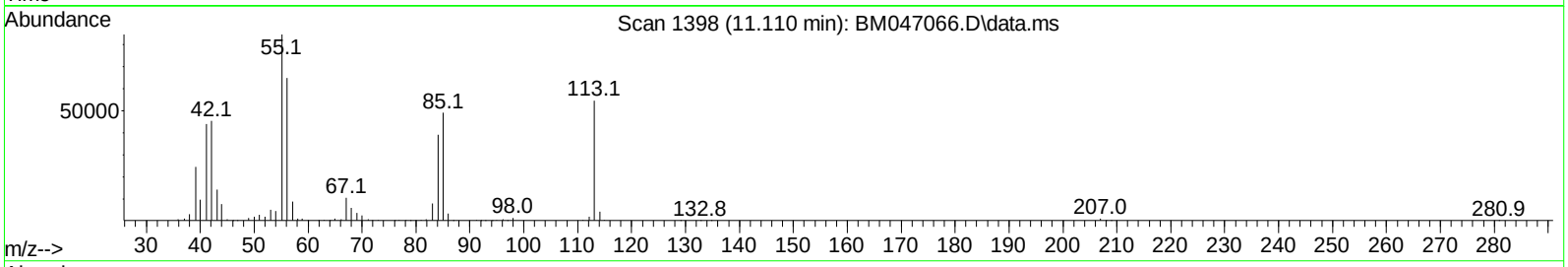
Quant Time: Aug 08 00:12:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 04:48:25 2024
Response via : Initial Calibration

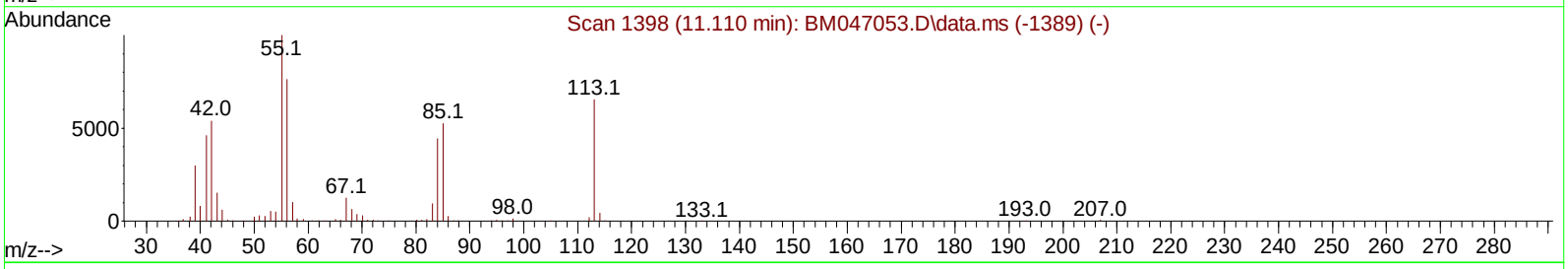
Instrument :
BNA_M
ClientSampleId :
SLCS363

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/30/2024







TIC: BM047066.D\data.ms

(34) Caprolactam

11.110min (-0.006) 19.72 ng/ul

response 107436

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	154.88
56.00	118.20	118.77
0.00	0.00	0.00

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Operator : RC/JU
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Misc :
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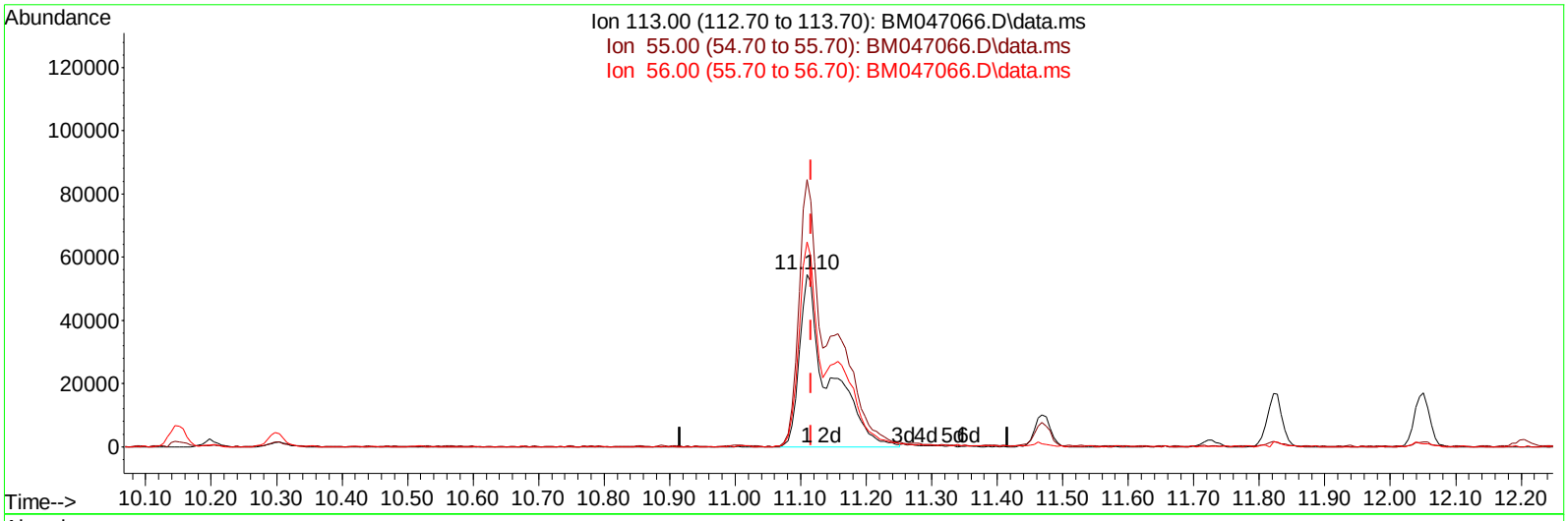

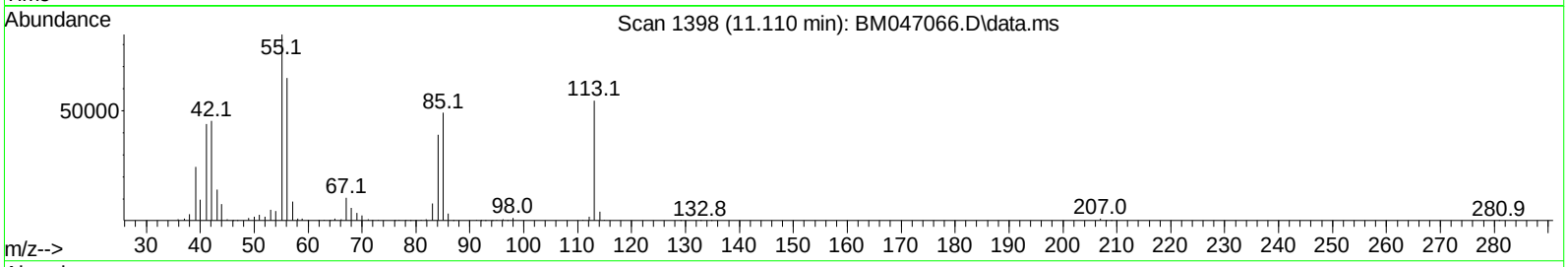

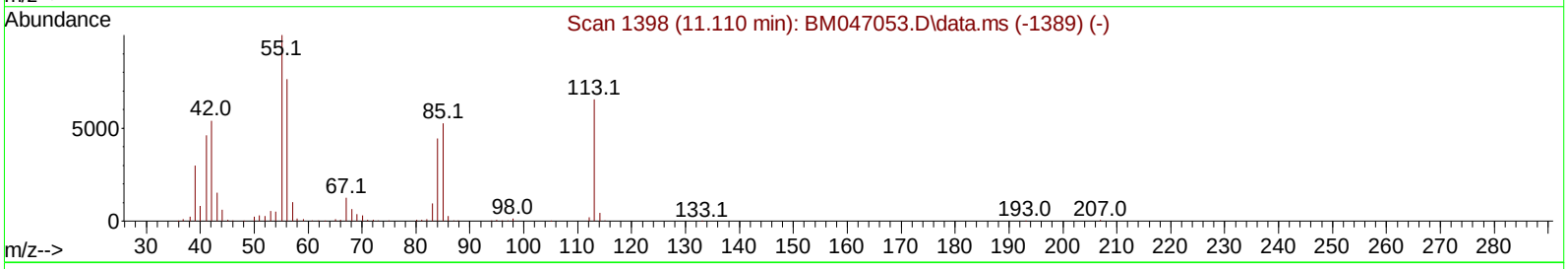

TIC: BM047066.D\data.ms

(34) Caprolactam

11.110min (-0.006) 31.33 ng/ul m

response 170724

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	154.88
56.00	118.20	118.77
0.00	0.00	0.00

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Misc :
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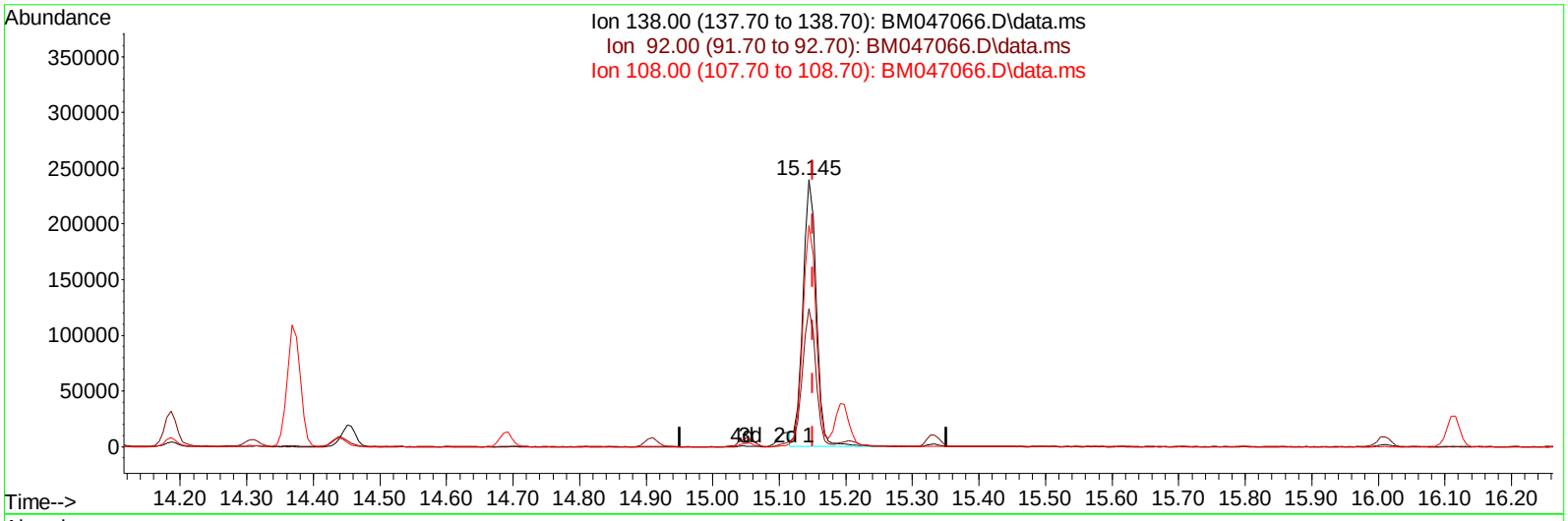

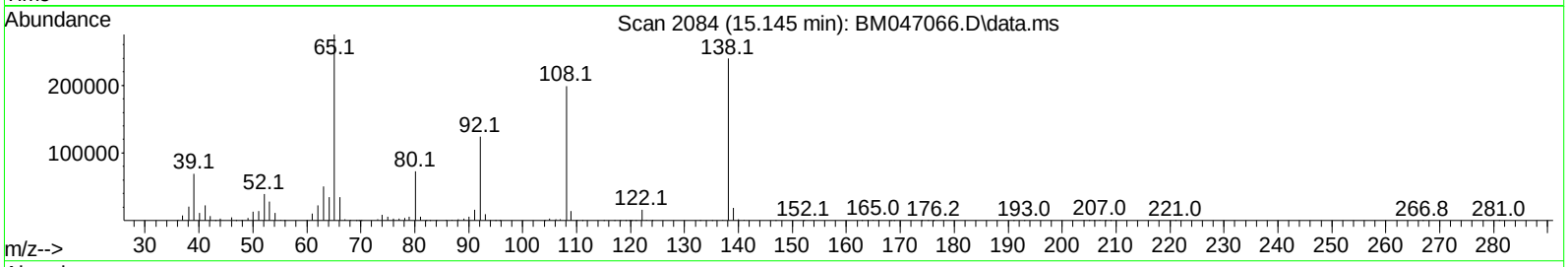

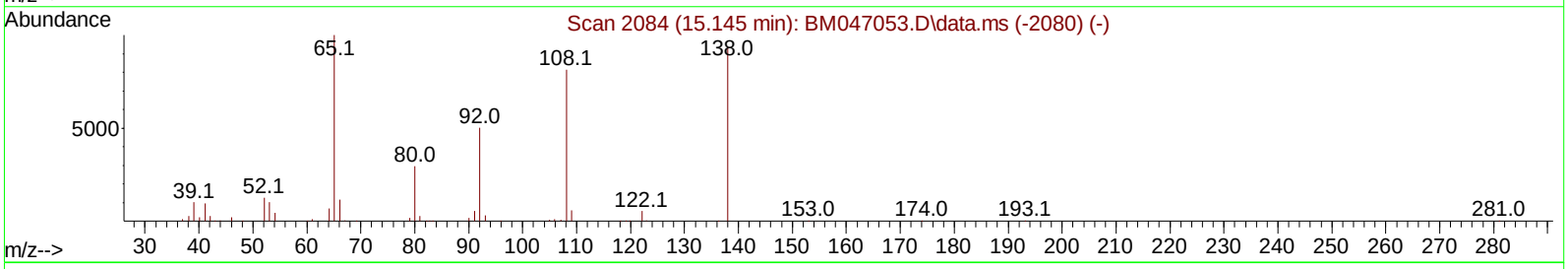

TIC: BM047066.D\data.ms

(63) 4-Nitroaniline

15.145min (-0.006) 32.28 ng/ul

response 337032

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	51.69
108.00	109.10	82.95#
0.00	0.00	0.00

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Misc :
ALS Vial : 42 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Instrument :
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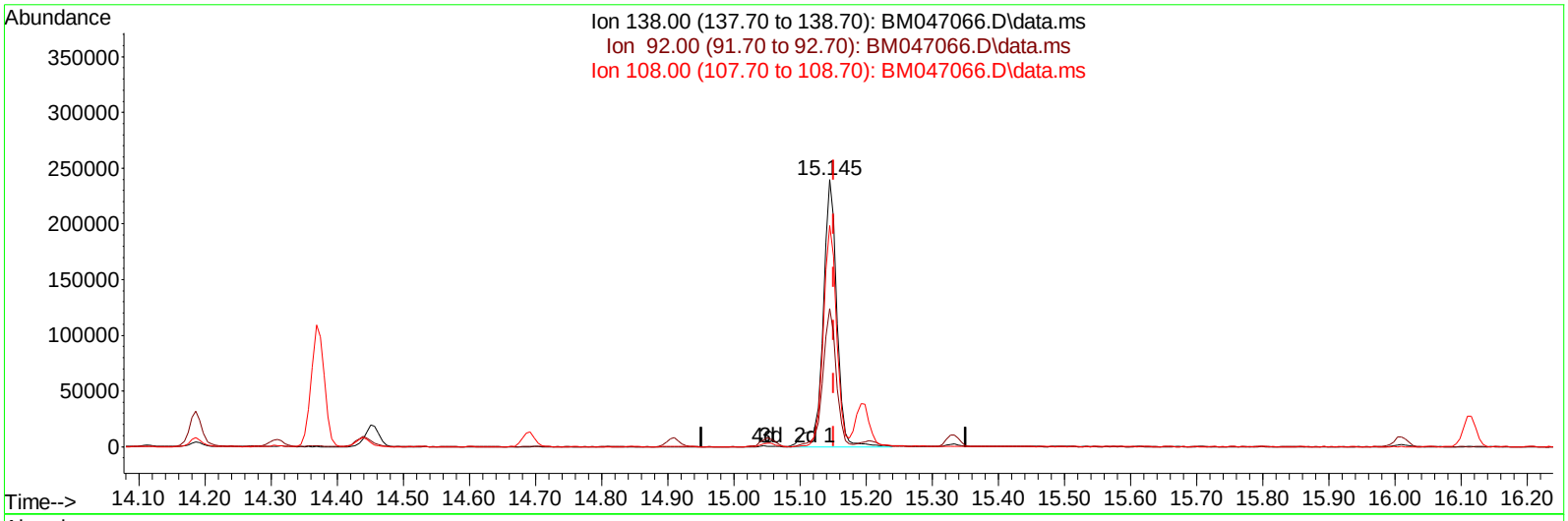

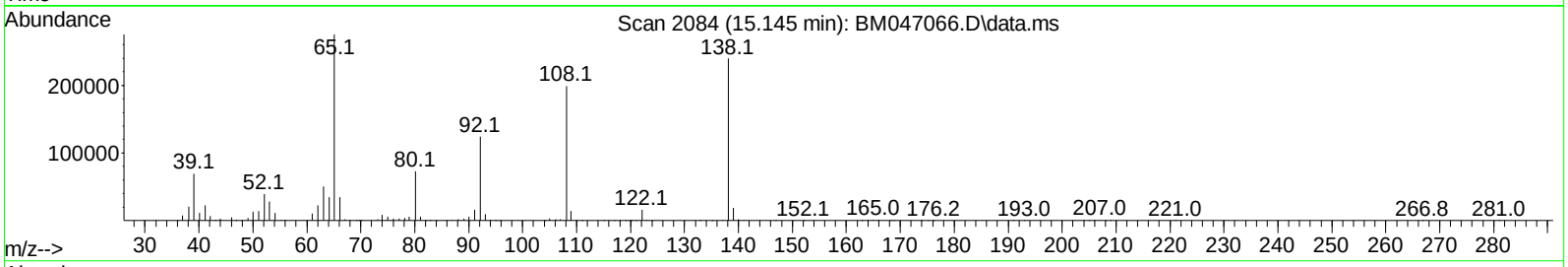

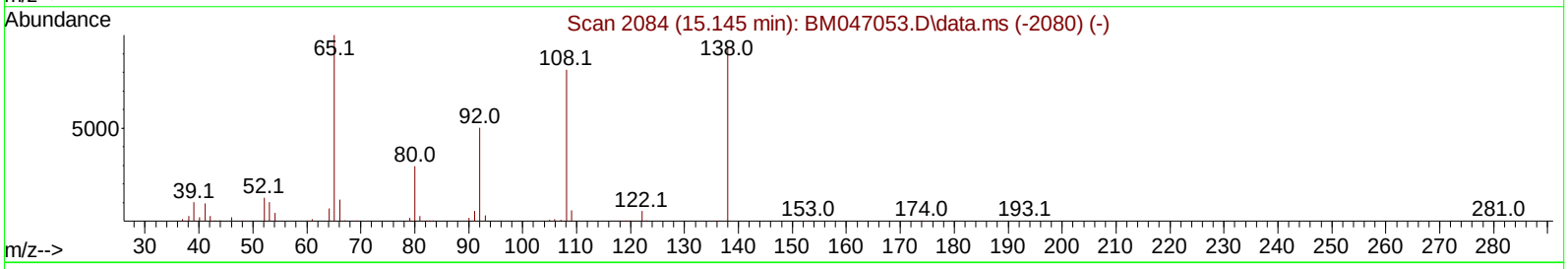

TIC: BM047066.D\data.ms

(63) 4-Nitroaniline

15.145min (-0.006) 33.99 ng/ul m

response 354831

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	51.69
108.00	109.10	82.95#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
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Acq On : 07 Aug 2024 20:48
Operator : RC/JU
Sample : PB162363BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 08 00:51:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.392	152	267951	20.000	ng/ul	0.00
20) Naphthalene-d8	10.151	136	1072240	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.045	164	695511	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.809	188	1465255	20.000	ng/ul	0.00
79) Chrysene-d12	21.038	240	1200498	20.000	ng/ul	-0.01
88) Perylene-d12	23.744	264	1379777	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	39731	5.874	ng/uL	0.00
4) Pyridine-d5	3.404	84	490083	26.565	ng/ul	0.00
7) Phenol-d5	6.598	99	632224	31.060	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	386995	28.895	ng/ul	0.00
11) 2-Chlorophenol-d4	6.939	132	494477	28.678	ng/ul	0.00
15) 4-Methylphenol-d8	8.116	113	487062	30.206	ng/ul	0.00
21) Nitrobenzene-d5	8.539	128	247770	28.797	ng/ul	0.00
24) 2-Nitrophenol-d4	9.251	143	281695	29.980	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.786	165	530042	29.381	ng/ul	0.00
31) 4-Chloroaniline-d4	10.298	131	627554	26.469	ng/ul	0.00
46) Dimethylphthalate-d6	13.474	166	1498550	28.179	ng/ul	0.00
49) Acenaphthylene-d8	13.733	160	1739784	29.309	ng/ul	0.00
54) 4-Nitrophenol-d4	14.292	143	300272	29.203	ng/ul	0.00
60) Fluorene-d10	15.051	176	1289040	28.336	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.192	200	243395	26.292	ng/ul	0.00
73) Anthracene-d10	16.909	188	1957638	28.183	ng/ul	0.00
81) Pyrene-d10	19.221	212	2216499	32.253	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264	2140167	29.457	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.051	88	70073	9.311	ng/uL	96
5) Pyridine	3.422	79	496035	27.159	ng/ul	94
6) Benzaldehyde	6.557	77	323709	27.688	ng/ul	98
8) Phenol	6.628	94	633923	30.925	ng/ul	91
10) Bis(2-Chloroethyl)ether	6.839	93	519708	29.745	ng/ul	96
12) 2-Chlorophenol	6.969	128	519905	29.763	ng/ul	97
13) 2-Methylphenol	7.851	108	482561	30.903	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	7.922	45	674391	32.210	ng/ul	99
16) Acetophenone	8.210	105	741011	29.197	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.204	70	387835	28.978	ng/ul	98
18) 4-Methylphenol	8.181	108	520495	30.850	ng/ul	97
19) Hexachloroethane	8.445	117	228612	26.867	ng/ul	93
22) Nitrobenzene	8.580	77	631045	27.451	ng/ul	94
23) Isophorone	9.110	82	1133564	28.819	ng/ul	98
25) 2-Nitrophenol	9.280	139	305592	29.731	ng/ul	92
26) 2,4-Dimethylphenol	9.363	107	453022	22.360	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.592	93	698520	28.808	ng/ul	99
29) 2,4-Dichlorophenol	9.816	162	518944	28.842	ng/ul	98
30) Naphthalene	10.198	128	1596795	28.127	ng/ul	100
32) 4-Chloroaniline	10.322	127	591414	25.687	ng/ul	100
33) Hexachlorobutadiene	10.486	225	322336	24.832	ng/ul	98
34) Caprolactam	11.110	113	170724m	31.333	ng/ul	
35) 4-Chloro-3-methylphenol	11.469	107	542793	29.256	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.821	142	1124866	28.377	ng/ul	98
37) 1-Methylnaphthalene	12.051	142	1122458	27.971	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.204	216	609823	27.957	ng/ul	99
40) Hexachlorocyclopentadiene	12.180	237	254437	17.708	ng/ul	96
41) 2,4,6-Trichlorophenol	12.463	196	378876	26.537	ng/ul	97
42) 2,4,5-Trichlorophenol	12.539	196	430830	27.949	ng/ul	99
43) 1,1'-Biphenyl	12.868	154	1475264	28.352	ng/ul	97
44) 2-Chloronaphthalene	12.904	162	1203963	29.137	ng/ul	98
45) 2-Nitroaniline	13.127	65	377979	30.101	ng/ul	94
47) Dimethylphthalate	13.527	163	1521776	28.518	ng/ul	99
48) 2,6-Dinitrotoluene	13.639	165	326879	31.511	ng/ul#	85
50) Acenaphthylene	13.762	152	1898995	30.291	ng/ul	99
51) 3-Nitroaniline	13.968	138	338883	32.077	ng/ul	100
52) Acenaphthene	14.110	153	1264070	27.968	ng/ul	99
53) 2,4-Dinitrophenol	14.186	184	169166	23.112	ng/ul	88
55) 4-Nitrophenol	14.310	109	244368	23.482	ng/ul#	85
56) Dibenzofuran	14.457	168	1768303	27.877	ng/ul	93
57) 2,4-Dinitrotoluene	14.439	165	476374	30.050	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.692	232	317073	23.138	ng/ul#	91
59) Diethylphthalate	14.909	149	1553153	27.056	ng/ul	98
61) Fluorene	15.109	166	1479089	28.271	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.115	204	693585	26.929	ng/ul	94
63) 4-Nitroaniline	15.145	138	354831m	33.987	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.209	198	270257	26.680	ng/ul	92
67) N-Nitrosodiphenylamine	15.333	169	1259737	29.006	ng/ul	98
68) 4-Bromophenyl-phenylether	16.009	248	455443	28.717	ng/ul	93
69) Hexachlorobenzene	16.115	284	544547	29.159	ng/ul	96
70) Atrazine	16.304	200	37148	2.180	ng/ul	96
71) Pentachlorophenol	16.468	266	263901	20.872	ng/ul	96
72) Phenanthrene	16.851	178	2366014	28.806	ng/ul	100
74) Anthracene	16.939	178	2316394	27.965	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.827	216	619825	29.401	ng/uL	96
76) Pentachlorobenzene	14.374	250	594201	27.229	ng/uL	99
77) Carbazole	17.221	167	2236194	29.121	ng/ul	99
78) Di-n-butylphthalate	17.803	149	2750990	28.172	ng/ul	98
80) Fluoranthene	18.880	202	2713440	33.039	ng/ul	99
82) Pyrene	19.250	202	2789960	31.881	ng/ul	98
83) Butylbenzylphthalate	20.186	149	1243440	32.509	ng/ul	100
84) 3,3'-Dichlorobenzidine	20.968	252	855851	29.081	ng/ul	98
85) Benzo(a)anthracene	21.027	228	2643555	30.151	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	20.986	149	1750125	31.342	ng/ul	99
87) Chrysene	21.086	228	2432112	29.085	ng/ul	99
89) Di-n-octyl phthalate	22.021	149	3079196	31.634	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	2688035	31.495	ng/ul	99
91) Benzo(k)fluoranthene	22.956	252	2555890	30.304	ng/ul	98
93) Benzo(a)pyrene	23.627	252	2342788	29.464	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.750	276	3011636	29.562	ng/ul	99
95) Dibenzo(a,h)anthracene	26.803	278	2435096	29.759	ng/ul	99
96) Benzo(g,h,i)perylene	27.685	276	2405208	29.882	ng/ul	97

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

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