Quantitation Report (Qedit)

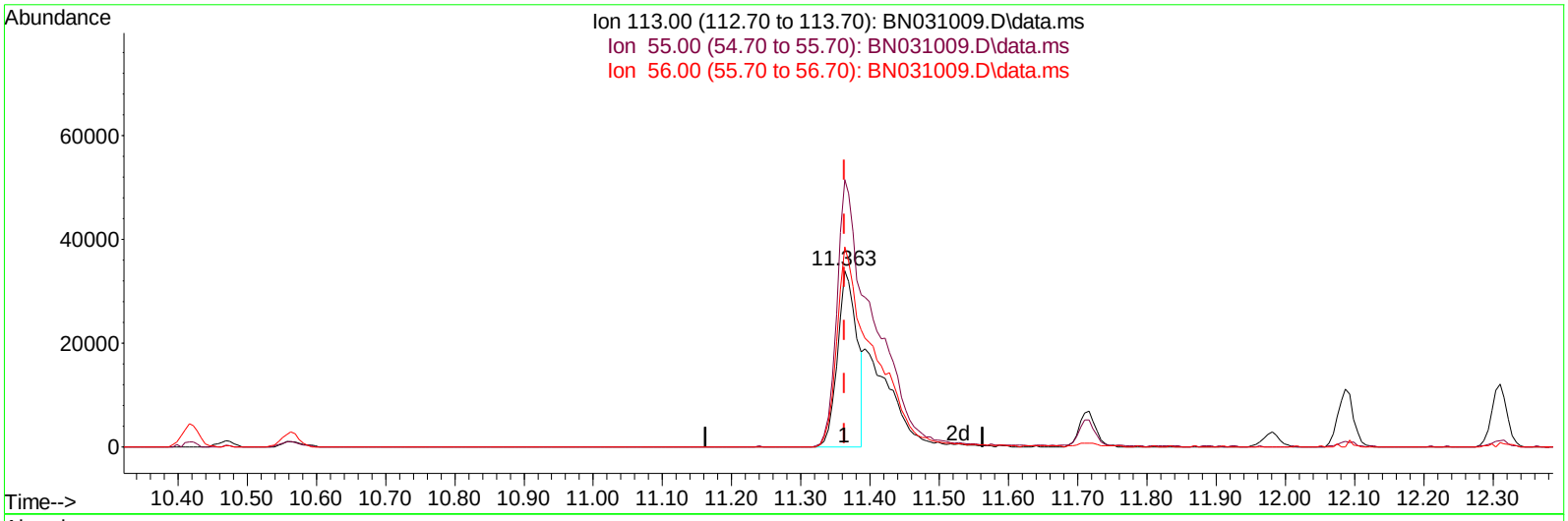
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
Data File : BN031009.D
Acq On : 18 Apr 2024 14:32
Operator : MA/JU
Sample : PB160277BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

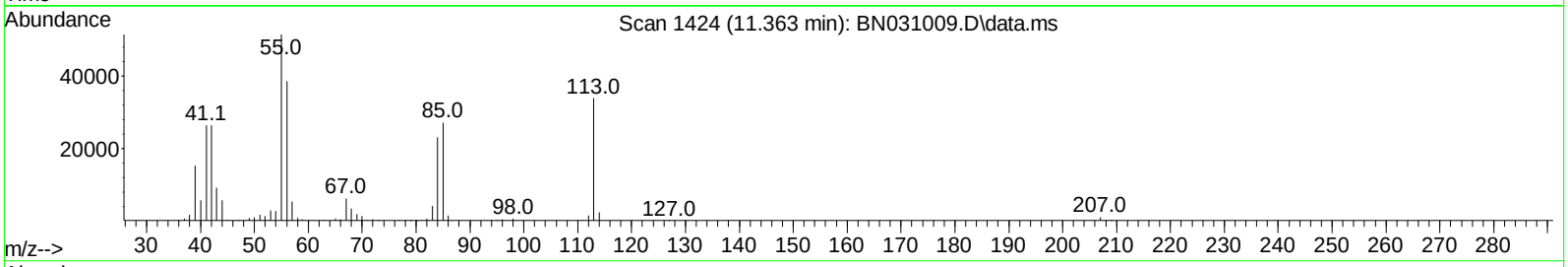
Quant Time: Apr 18 15:49:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 22:24:16 2024
Response via : Initial Calibration

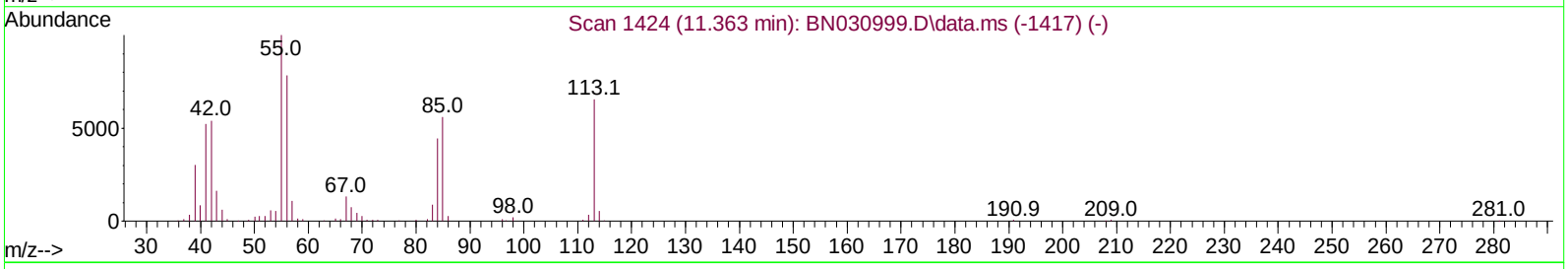
Instrument :
BNA_N
ClientSampleId :
SLCS277

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/30/2024







TIC: BN031009.D\data.ms

(34) Caprolactam

11.363min (-0.000) 18.24 ng/ul

response 65256

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	151.48
56.00	113.20	113.56
0.00	0.00	0.00

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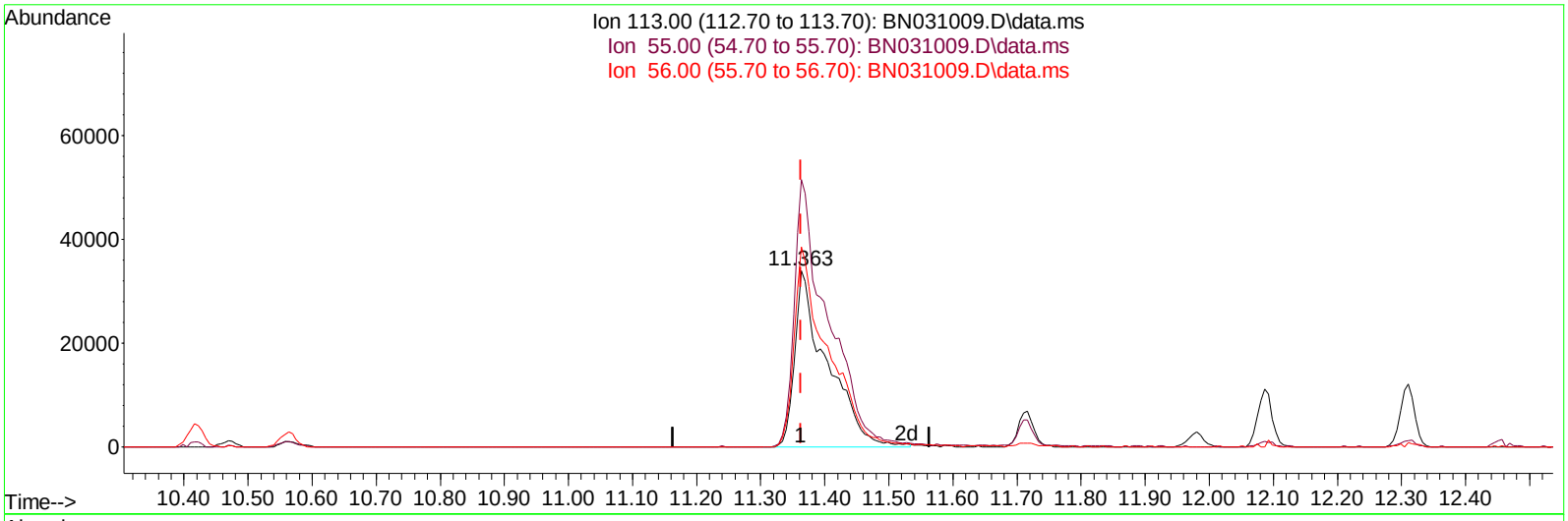

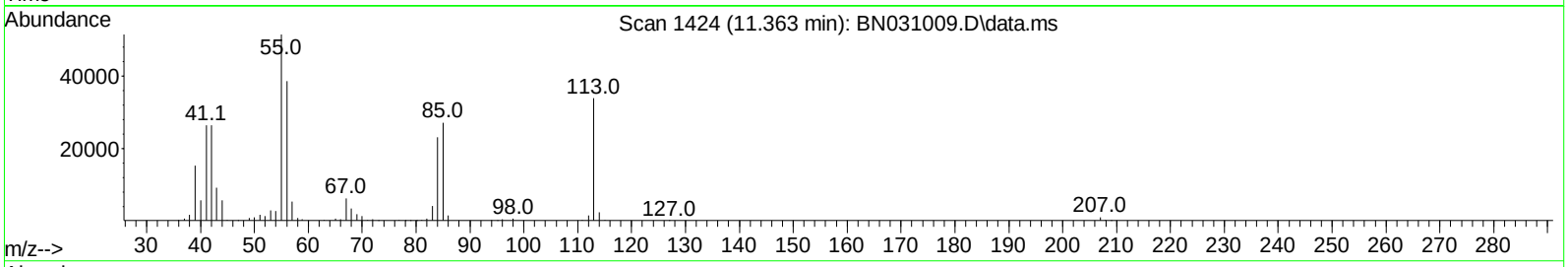

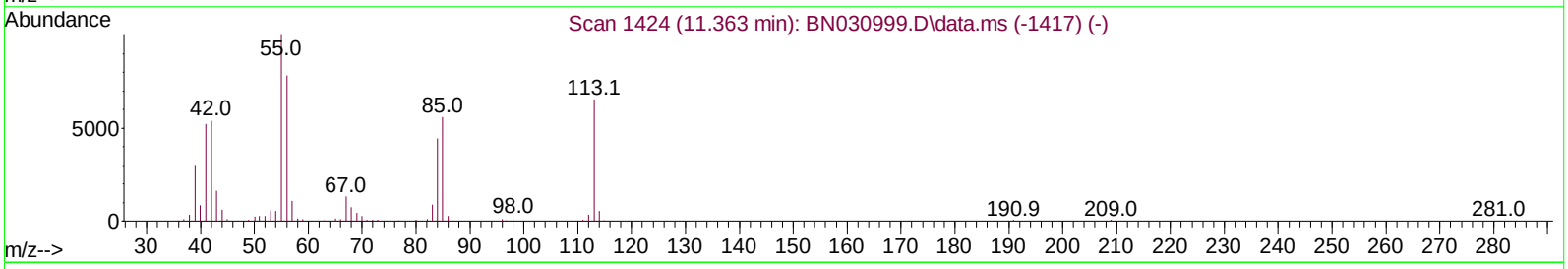

TIC: BN031009.D\data.ms

(34) Caprolactam

11.363min (-0.000) 33.12 ng/ul m

response 118493

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	151.48
56.00	113.20	113.56
0.00	0.00	0.00

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Misc :
ALS Vial : 43 Sample Multiplier: 1

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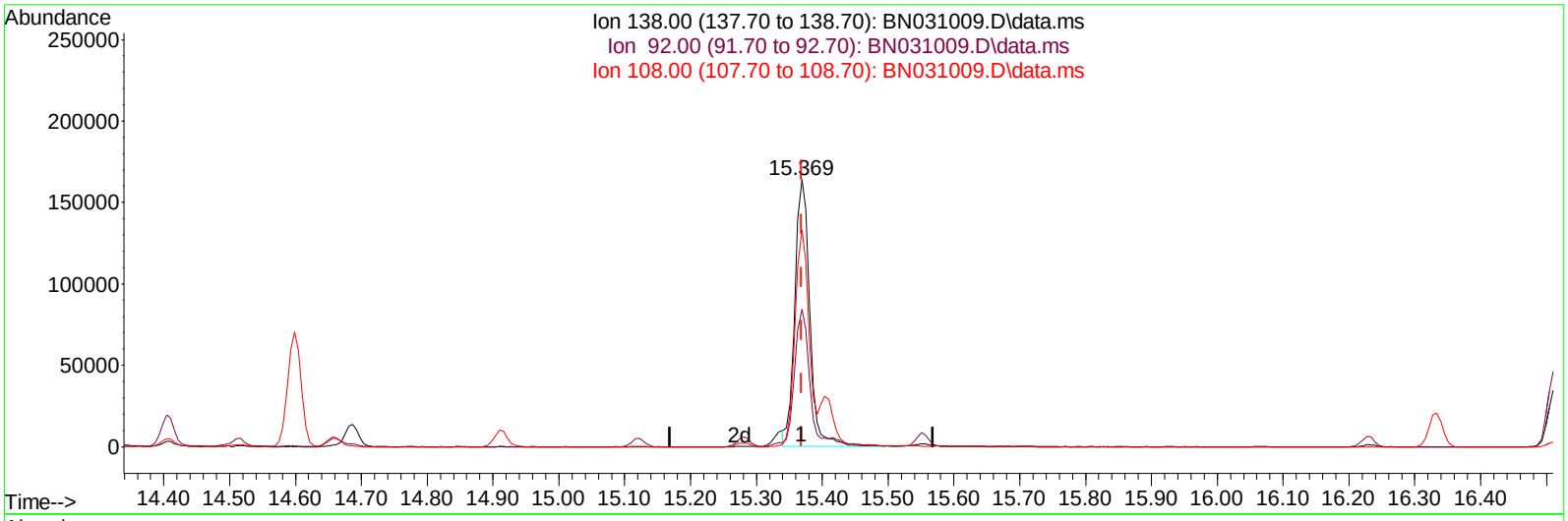

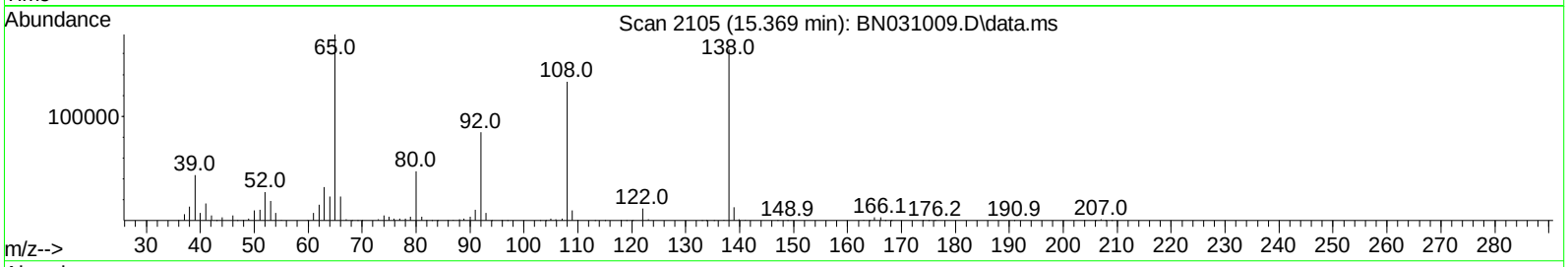

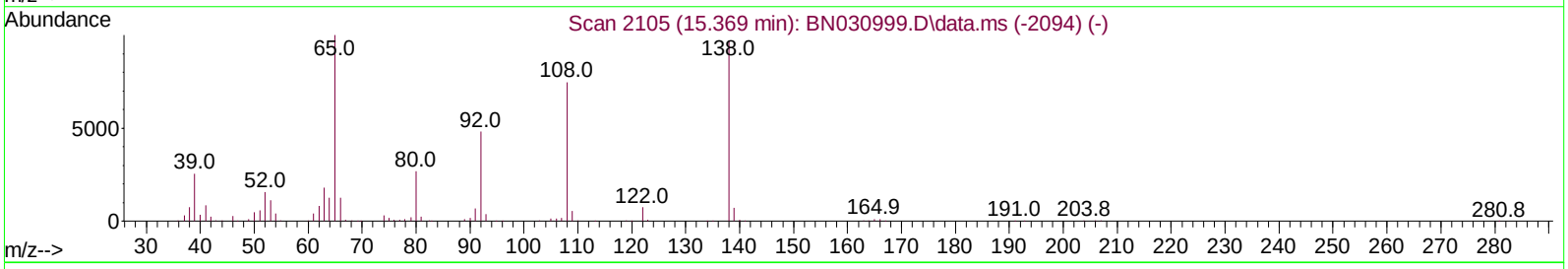

TIC: BN031009.D\data.ms

(63) 4-Nitroaniline

15.369min (-0.000) 40.43 ng/ul

response 256394

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.60	51.63
108.00	78.30	81.30
0.00	0.00	0.00

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Operator : MA/JU
Sample : PB160277BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Apr 18 15:49:23 2024
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Instrument :
BNA_N
ClientSampleId :
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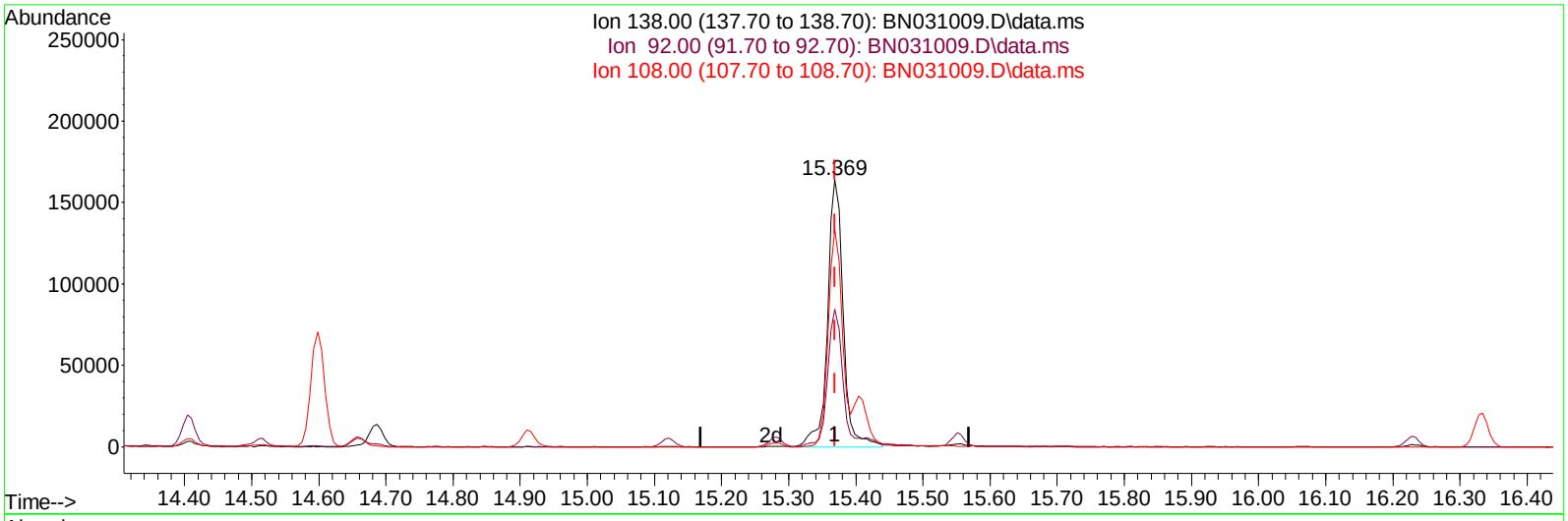

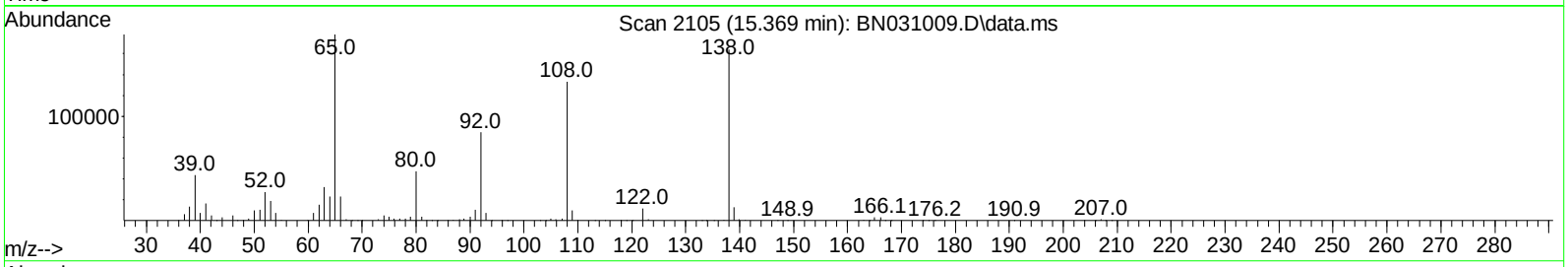

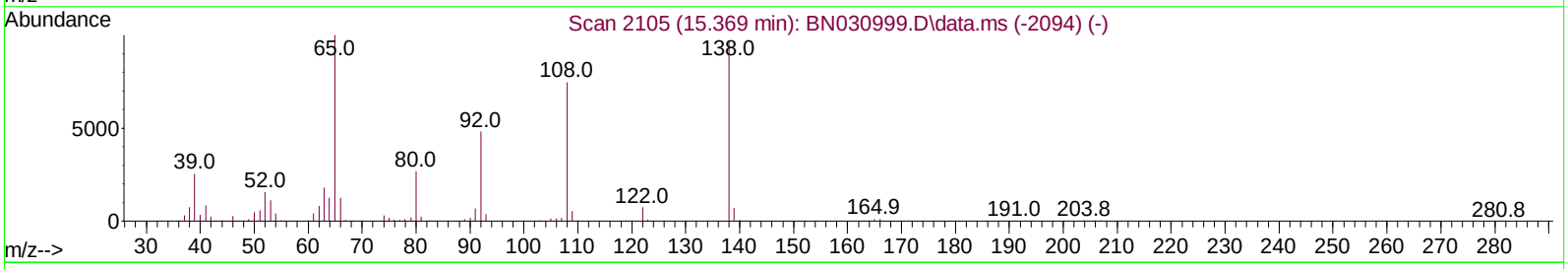

TIC: BN031009.D\data.ms

(63) 4-Nitroaniline

15.369min (-0.000) 42.06 ng/ul m

response 266745

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.60	51.63
108.00	78.30	81.30
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : MA/JU
Sample : PB160277BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Apr 18 15:51:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	144755	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	675291	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	480662	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	1085243	20.000	ng/ul	0.00
79) Chrysene-d12	21.274	240	1199515	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1507093	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	20818	6.743	ng/uL	0.00
4) Pyridine-d5	3.552	84	267710	28.920	ng/ul	0.00
7) Phenol-d5	6.810	99	378729	32.342	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	219274	30.317	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	286563	32.259	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	305345	31.113	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	147488	31.485	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	143826	33.562	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	308701	32.904	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	455183	29.471	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	1017925	31.719	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	1158874	31.408	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	225390	36.717	ng/ul	0.00
60) Fluorene-d10	15.281	176	895009	31.870	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	157036	32.783	ng/ul	0.00
73) Anthracene-d10	17.133	188	1438301	30.760	ng/ul	0.00
81) Pyrene-d10	19.433	212	1823374	28.273	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	2347880	33.810	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	31079	9.397	ng/uL	98
5) Pyridine	3.575	79	263320	28.190	ng/ul	98
6) Benzaldehyde	6.793	77	190814	34.991	ng/ul	95
8) Phenol	6.840	94	395336	32.407	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.075	93	297930	29.949	ng/ul	99
12) 2-Chlorophenol	7.205	128	307675	32.287	ng/ul	98
13) 2-Methylphenol	8.081	108	287360	30.569	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.163	45	397104	28.349	ng/ul	98
16) Acetophenone	8.457	105	480040	30.980	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.446	70	236226	30.269	ng/ul	98
18) 4-Methylphenol	8.410	108	332992	31.643	ng/ul	99
19) Hexachloroethane	8.704	117	117043	29.296	ng/ul	96
22) Nitrobenzene	8.834	77	347607	30.398	ng/ul	97
23) Isophorone	9.357	82	694500	30.453	ng/ul	100
25) 2-Nitrophenol	9.540	139	168463	33.449	ng/ul	98
26) 2,4-Dimethylphenol	9.604	107	274001	24.477	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.846	93	427211	29.463	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	308690	32.236	ng/ul	97
30) Naphthalene	10.469	128	1021490	29.494	ng/ul	99
32) 4-Chloroaniline	10.587	127	426099	28.626	ng/ul	99
33) Hexachlorobutadiene	10.746	225	168746	27.996	ng/ul	95
34) Caprolactam	11.363	113	118493m	33.122	ng/ul	
35) 4-Chloro-3-methylphenol	11.716	107	354193	32.839	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.087	142	732324	30.277	ng/ul	97
37) 1-Methylnaphthalene	12.310	142	746685	30.411	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.457	216	372075	29.995	ng/ul	97
40) Hexachlorocyclopentadiene	12.434	237	156396	22.201	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	251195	32.406	ng/ul	93
42) 2,4,5-Trichlorophenol	12.775	196	282273	32.245	ng/ul	95
43) 1,1'-Biphenyl	13.116	154	983301	30.013	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	759540	29.451	ng/ul	95
45) 2-Nitroaniline	13.369	65	233292	33.990	ng/ul	98
47) Dimethylphthalate	13.751	163	1035799	31.245	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	201111	32.721	ng/ul	89
50) Acenaphthylene	14.004	152	1289197	30.240	ng/ul	100
51) 3-Nitroaniline	14.204	138	240896	36.926	ng/ul	96
52) Acenaphthene	14.351	153	849097	29.887	ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	100227	35.503	ng/ul	97
55) 4-Nitrophenol	14.516	109	180426	37.099	ng/ul	98
56) Dibenzofuran	14.686	168	1229478	31.132	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	315444	35.153	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.910	232	249713	34.347	ng/ul	96
59) Diethylphthalate	15.122	149	1066190	31.659	ng/ul	99
61) Fluorene	15.339	166	988147	31.479	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.334	204	463841	30.118	ng/ul	96
63) 4-Nitroaniline	15.369	138	266745m	42.058	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	173712	33.750	ng/ul	97
67) N-Nitrosodiphenylamine	15.551	169	902981	30.553	ng/ul	98
68) 4-Bromophenyl-phenylether	16.228	248	298160	28.933	ng/ul	94
69) Hexachlorobenzene	16.333	284	347366	28.626	ng/ul	96
70) Atrazine	16.510	200	320605	31.297	ng/ul	95
71) Pentachlorophenol	16.680	266	226248	31.622	ng/ul	95
72) Phenanthrene	17.075	178	1734544	31.109	ng/ul	99
74) Anthracene	17.169	178	1686995	29.930	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.075	216	381239	28.594	ng/uL	96
76) Pentachlorobenzene	14.598	250	375719	27.744	ng/uL	97
77) Carbazole	17.445	167	1684550	34.079	ng/ul	99
78) Di-n-butylphthalate	18.010	149	1995977	33.100	ng/ul	99
80) Fluoranthene	19.098	202	2129162	27.773	ng/ul	97
82) Pyrene	19.463	202	2326757	28.738	ng/ul	100
83) Butylbenzylphthalate	20.380	149	995303	32.190	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.186	252	768706	34.877	ng/ul	99
85) Benzo(a)anthracene	21.251	228	2448151	30.581	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.186	149	1450944	31.821	ng/ul	97
87) Chrysene	21.316	228	2417423	31.993	ng/ul	97
89) Di-n-octyl phthalate	22.286	149	2724770	28.550	ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	2696865	30.406	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	2773836	30.795	ng/ul	100
93) Benzo(a)pyrene	24.039	252	2396122	28.598	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.439	276	3529282	38.967	ng/ul	98
95) Dibenzo(a,h)anthracene	27.486	278	2883214	37.815	ng/ul	95
96) Benzo(g,h,i)perylene	28.456	276	2795768	39.320	ng/ul	99

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

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