Quantitation Report (Qedit)

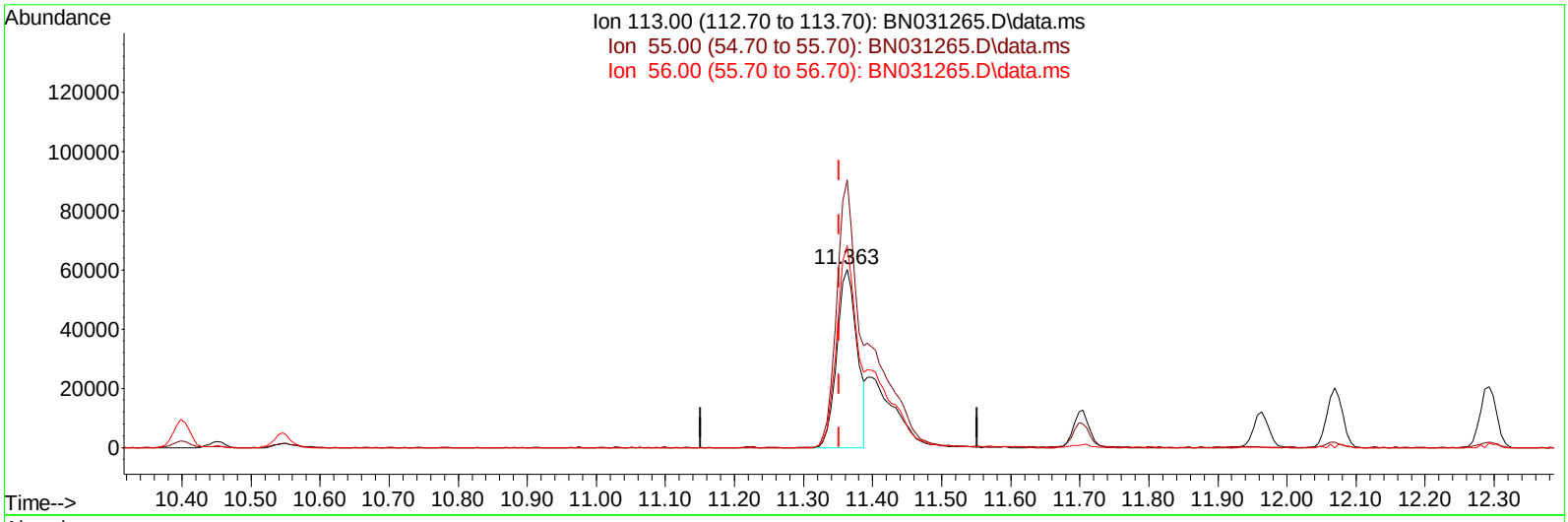
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031265.D
Acq On : 27 Apr 2024 05:02
Operator : MA/JU
Sample : PB160561BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

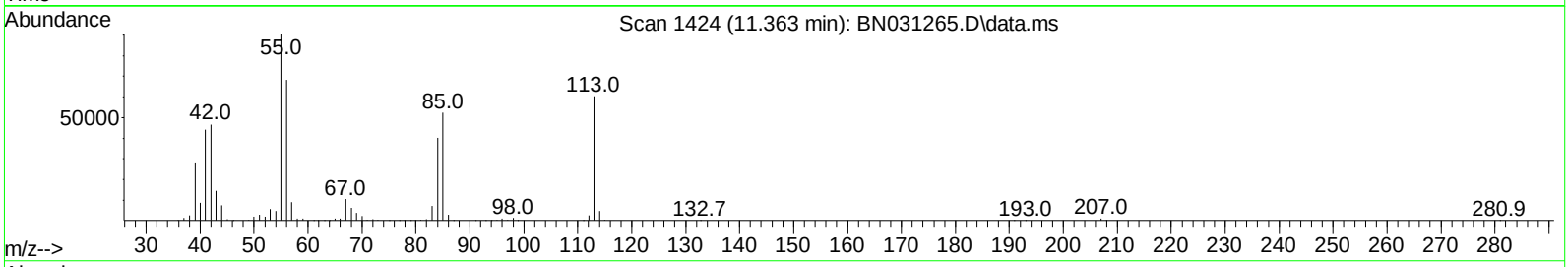
Quant Time: Apr 27 05:32:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration

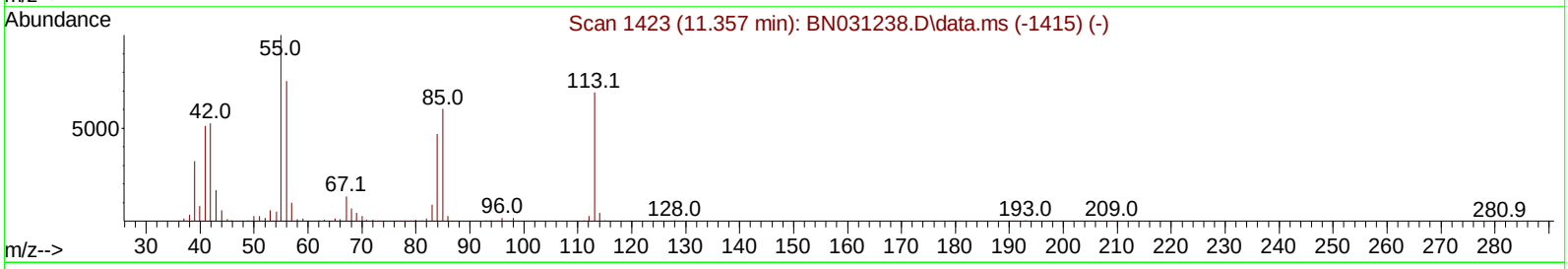
Instrument :
BNA_N
ClientSampleId :
SLCS561

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024







TIC: BN031265.D\data.ms

(34) Caprolactam

11.363min (+ 0.012) 14.35 ng/ul

response 122827

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.50	149.94
56.00	110.00	113.40
0.00	0.00	0.00

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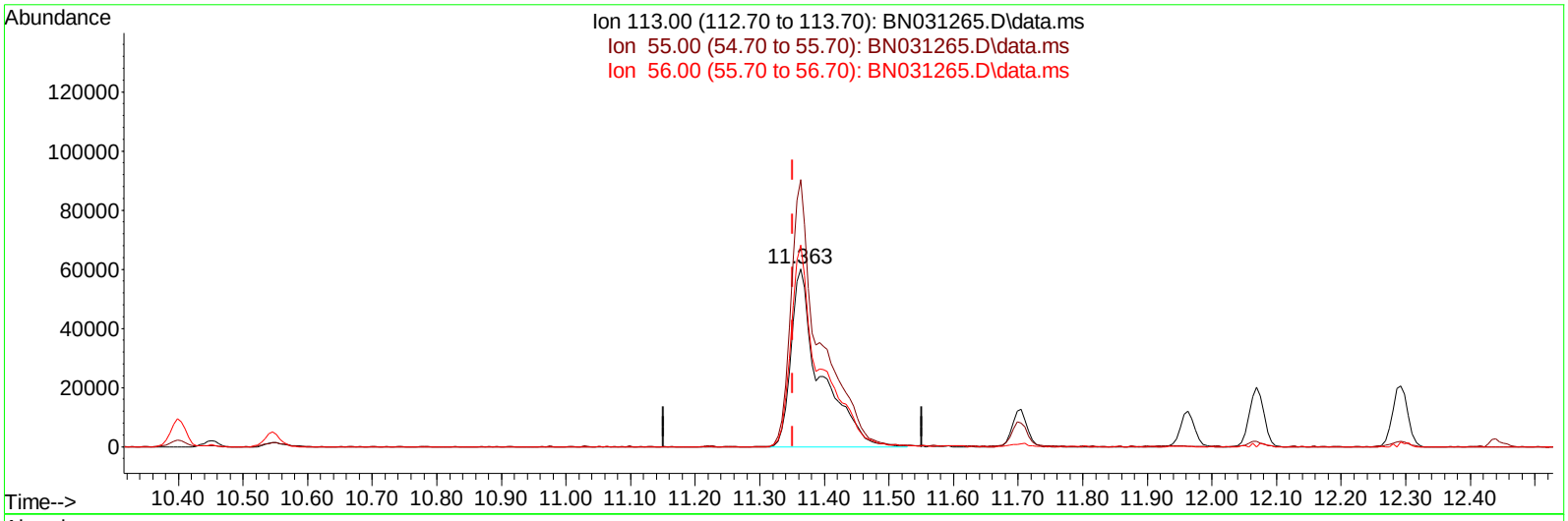

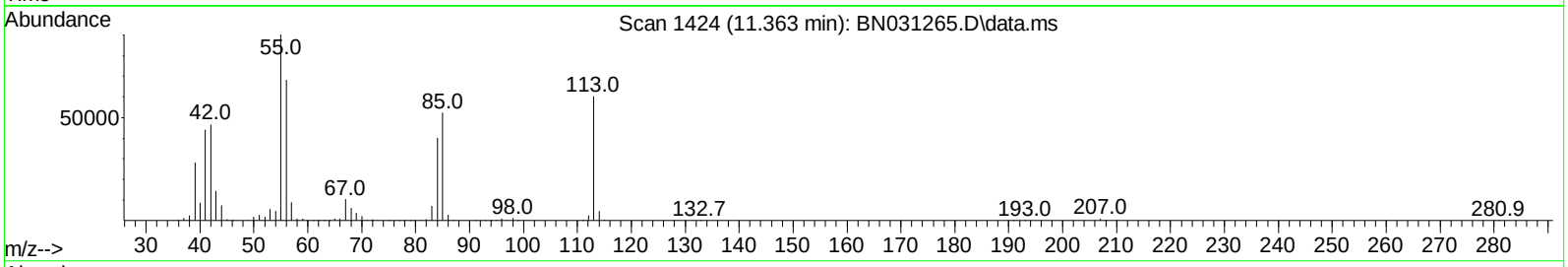

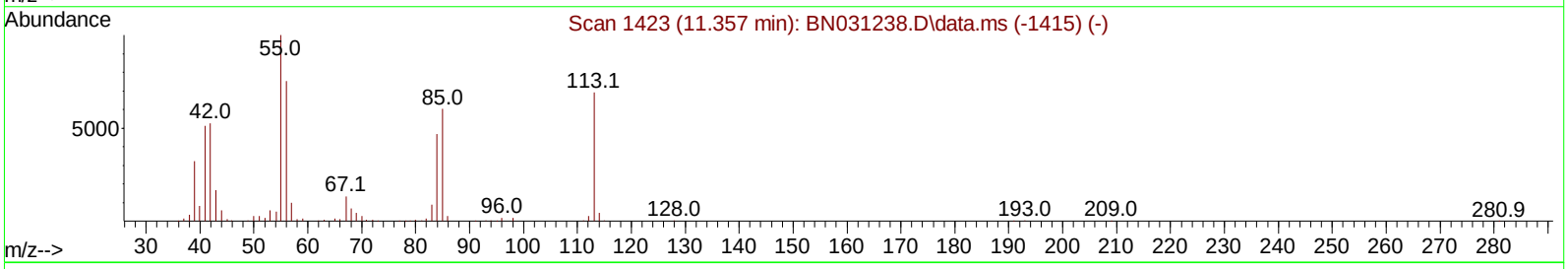

TIC: BN031265.D\data.ms

(34) Caprolactam

11.363min (+ 0.012) 22.32 ng/ul m

response 191045

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.50	149.94
56.00	110.00	113.40
0.00	0.00	0.00

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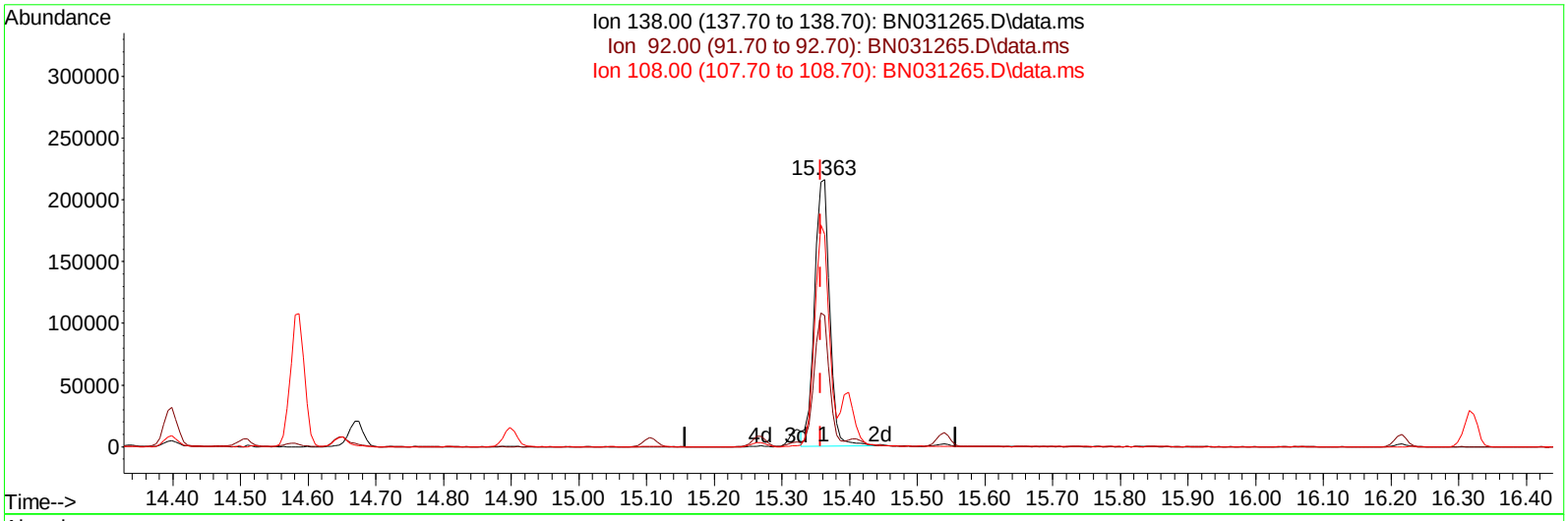

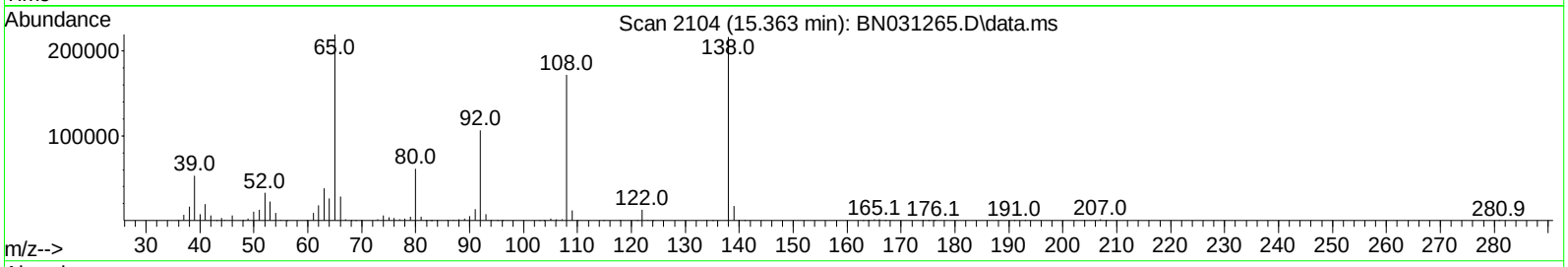

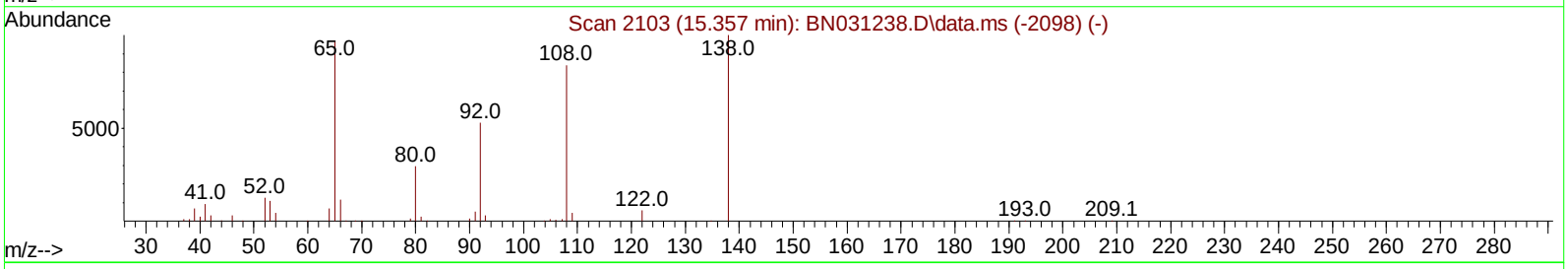

TIC: BN031265.D\data.ms

(63) 4-Nitroaniline

15.363min (+ 0.006) 22.76 ng/ul

response 338202

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	49.28
108.00	79.80	79.56
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : MA/JU
Sample : PB160561BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 27 05:32:53 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
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Instrument :
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Manual IntegrationsAPPROVED

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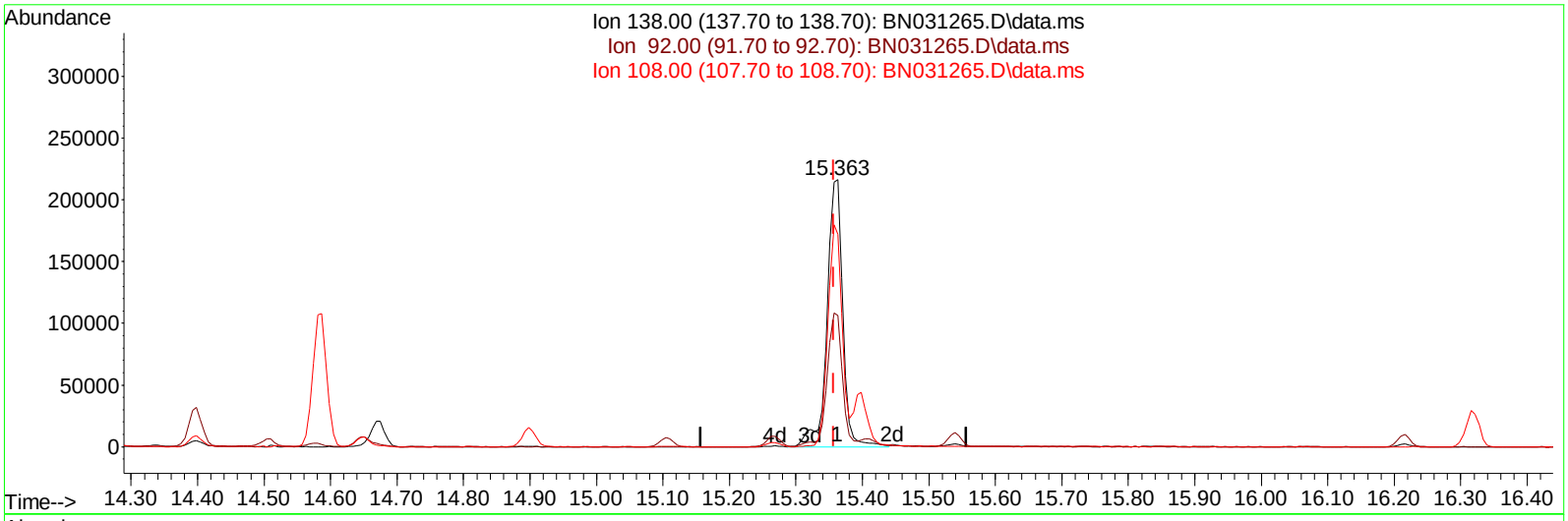
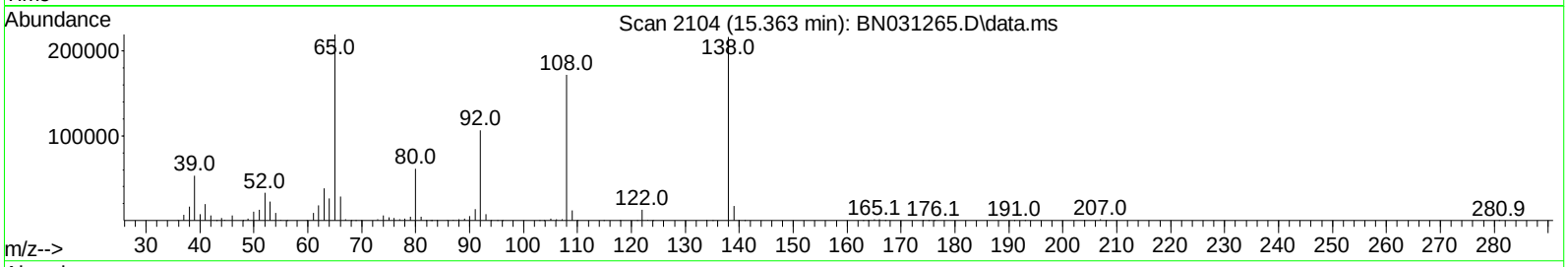
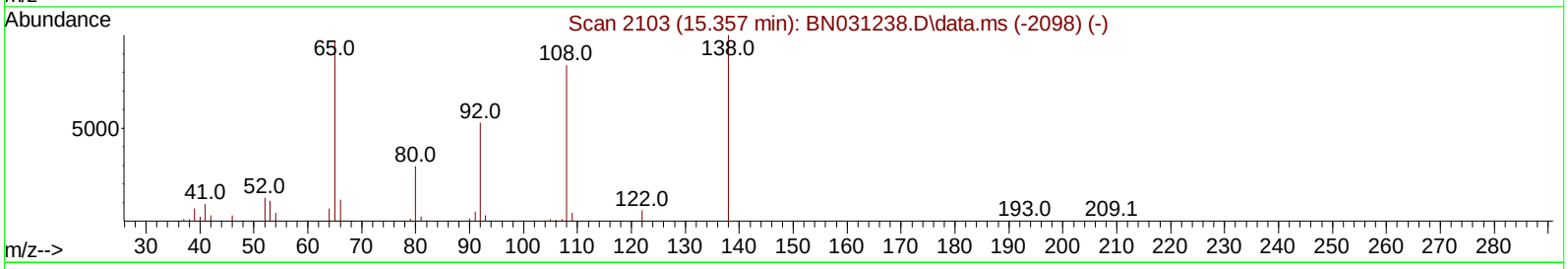
Supervised By :mohammad ahmed 04/29/2024







TIC: BN031265.D\data.ms

(63) 4-Nitroaniline

15.363min (+ 0.006) 24.10 ng/ul m

response 358097

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	49.28
108.00	79.80	79.56
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : MA/JU
Sample : PB160561BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 27 05:34:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	337788	20.000	ng/ul	0.00
20) Naphthalene-d8	10.398	136	1477047	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	890899	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.022	188	1636434	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1150449	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1291092	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	49244	6.811	ng/uL	0.00
4) Pyridine-d5	3.540	84	585921	28.140	ng/ul	0.00
7) Phenol-d5	6.799	99	776747	27.259	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	449676	27.124	ng/ul	0.00
11) 2-Chlorophenol-d4	7.157	132	635923	28.663	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	605741	25.278	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	310054	29.216	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	341386	30.947	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	602005	27.673	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	761824	22.409	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	1600449	25.816	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	1928137	27.446	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	294415	22.753	ng/ul	0.00
60) Fluorene-d10	15.269	176	1349799	25.011	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	244388	29.601	ng/ul	0.00
73) Anthracene-d10	17.122	188	1921822	27.095	ng/ul	0.00
81) Pyrene-d10	19.422	212	1936177	34.249	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1660536	27.122	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	72870	9.510	ng/uL	91
5) Pyridine	3.564	79	572330	27.239	ng/ul	93
6) Benzaldehyde	6.775	77	422576	30.203	ng/ul	98
8) Phenol	6.828	94	784447	26.702	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.057	93	611283	26.372	ng/ul	98
12) 2-Chlorophenol	7.187	128	641878	27.833	ng/ul	99
13) 2-Methylphenol	8.069	108	589865	25.910	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	779006	25.777	ng/ul	99
16) Acetophenone	8.446	105	892125	24.028	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.434	70	446691	24.137	ng/ul	98
18) 4-Methylphenol	8.399	108	642437	25.192	ng/ul	99
19) Hexachloroethane	8.687	117	255463	26.695	ng/ul	98
22) Nitrobenzene	8.822	77	680947	27.187	ng/ul	98
23) Isophorone	9.346	82	1291428	25.265	ng/ul	99
25) 2-Nitrophenol	9.528	139	361568	29.625	ng/ul	96
26) 2,4-Dimethylphenol	9.587	107	620062	24.911	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.828	93	808416	26.038	ng/ul	99
29) 2,4-Dichlorophenol	10.051	162	585341	26.939	ng/ul	96
30) Naphthalene	10.451	128	1960410	25.610	ng/ul	99
32) 4-Chloroaniline	10.569	127	679152	20.560	ng/ul	99
33) Hexachlorobutadiene	10.728	225	353539	26.690	ng/ul	98
34) Caprolactam	11.363	113	191045m	22.316	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	632415	25.103	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.069	142	1349876	25.006	ng/ul	100
37)	1-Methylnaphthalene	12.292	142	1336823	24.474	ng/ul	93
39)	1,2,4,5-Tetrachloroben...	12.440	216	682122	29.260	ng/ul	94
40)	Hexachlorocyclopentadiene	12.416	237	351021	27.411	ng/ul	98
41)	2,4,6-Trichlorophenol	12.692	196	446322	28.764	ng/ul	94
42)	2,4,5-Trichlorophenol	12.763	196	478114	27.791	ng/ul	99
43)	1,1'-Biphenyl	13.098	154	1694008	27.647	ng/ul	99
44)	2-Chloronaphthalene	13.139	162	1316028	26.879	ng/ul	98
45)	2-Nitroaniline	13.357	65	377259	27.911	ng/ul	99
47)	Dimethylphthalate	13.734	163	1586922	24.812	ng/ul	99
48)	2,6-Dinitrotoluene	13.857	165	330326	27.514	ng/ul	97
50)	Acenaphthylene	13.992	152	2071657	25.245	ng/ul	99
51)	3-Nitroaniline	14.192	138	343280	24.906	ng/ul#	95
52)	Acenaphthene	14.334	153	1350573	24.827	ng/ul	98
53)	2,4-Dinitrophenol	14.398	184	174230	25.662	ng/ul	97
55)	4-Nitrophenol	14.504	109	231126	22.010	ng/ul	98
56)	Dibenzofuran	14.669	168	1870343	24.867	ng/ul	100
57)	2,4-Dinitrotoluene	14.651	165	462064	25.330	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	14.898	232	383163	25.771	ng/ul	95
59)	Diethylphthalate	15.104	149	1596026	24.265	ng/ul	100
61)	Fluorene	15.322	166	1430066	23.104	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.322	204	676892	22.959	ng/ul	98
63)	4-Nitroaniline	15.363	138	358097m	24.098	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.416	198	251387	28.357	ng/ul#	94
67)	N-Nitrosodiphenylamine	15.539	169	1278391	29.146	ng/ul	99
68)	4-Bromophenyl-phenylether	16.216	248	443781	28.676	ng/ul	94
69)	Hexachlorobenzene	16.322	284	486053	27.243	ng/ul	98
70)	Atrazine	16.498	200	390953	25.388	ng/ul	98
71)	Pentachlorophenol	16.669	266	299232	25.815	ng/ul	97
72)	Phenanthrene	17.063	178	2162733	24.987	ng/ul	99
74)	Anthracene	17.151	178	2166234	24.731	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.057	216	658944	34.330	ng/uL	98
76)	Pentachlorobenzene	14.586	250	623470	31.455	ng/uL	95
77)	Carbazole	17.427	167	1979242	24.737	ng/ul	98
78)	Di-n-butylphthalate	17.998	149	2495513	25.588	ng/ul	100
80)	Fluoranthene	19.086	202	2279409	34.068	ng/ul	100
82)	Pyrene	19.451	202	2357322	33.533	ng/ul	100
83)	Butylbenzylphthalate	20.363	149	1002802	32.328	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.174	252	617523	25.761	ng/ul	96
85)	Benzo(a)anthracene	21.239	228	2044847	26.175	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.168	149	1371841	29.455	ng/ul	98
87)	Chrysene	21.298	228	1973990	26.619	ng/ul	99
89)	Di-n-octyl phthalate	22.263	149	2351056	31.592	ng/ul	100
90)	Benzo(b)fluoranthene	23.239	252	2022281	27.838	ng/ul	98
91)	Benzo(k)fluoranthene	23.298	252	1986309	27.186	ng/ul	99
93)	Benzo(a)pyrene	24.015	252	1753175	24.192	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	27.398	276	2437366	27.103	ng/ul	100
95)	Dibenzo(a,h)anthracene	27.456	278	1963561	26.602	ng/ul	95
96)	Benzo(g,h,i)perylene	28.409	276	1918637	26.494	ng/ul	99

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

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