Quantitation Report (Qedit)

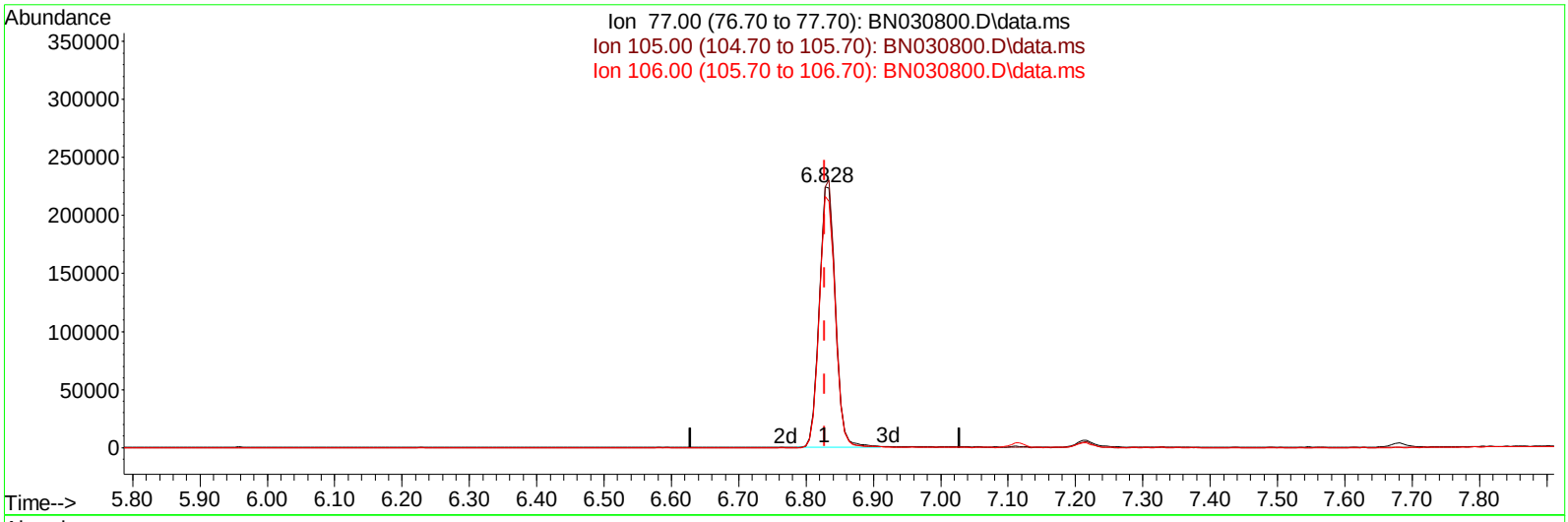
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040924\
Data File : BN030800.D
Acq On : 09 Apr 2024 21:51
Operator : MA/JU
Sample : P2013-16MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

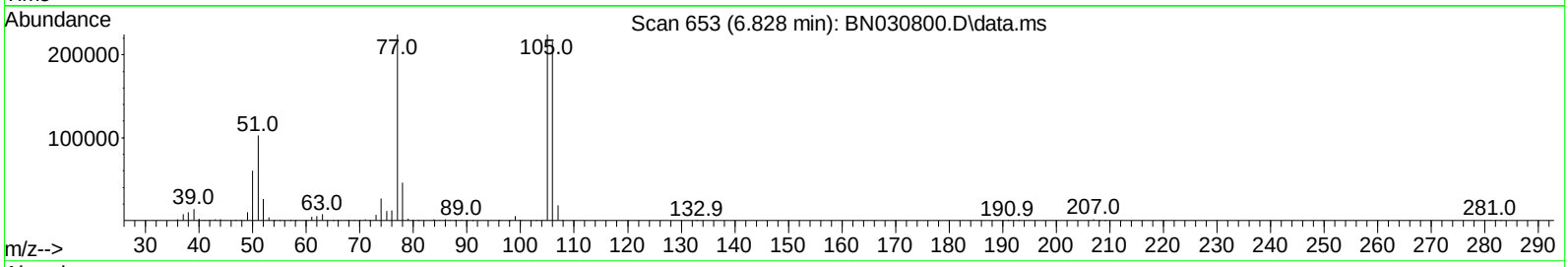
Quant Time: Apr 09 22:21:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 09 12:10:11 2024
Response via : Initial Calibration

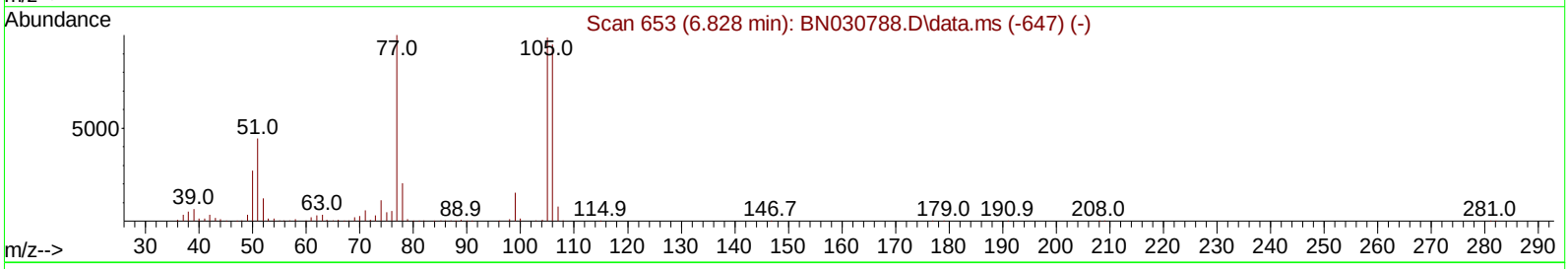
Instrument :
BNA_N
ClientSampleId :
E0MC0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024







TIC: BN030800.D\data.ms

(6) Benzaldehyde

6.828min (+ 0.000) 55.82 ng/ul

response 369404

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	99.94
106.00	94.50	96.32
0.00	0.00	0.00

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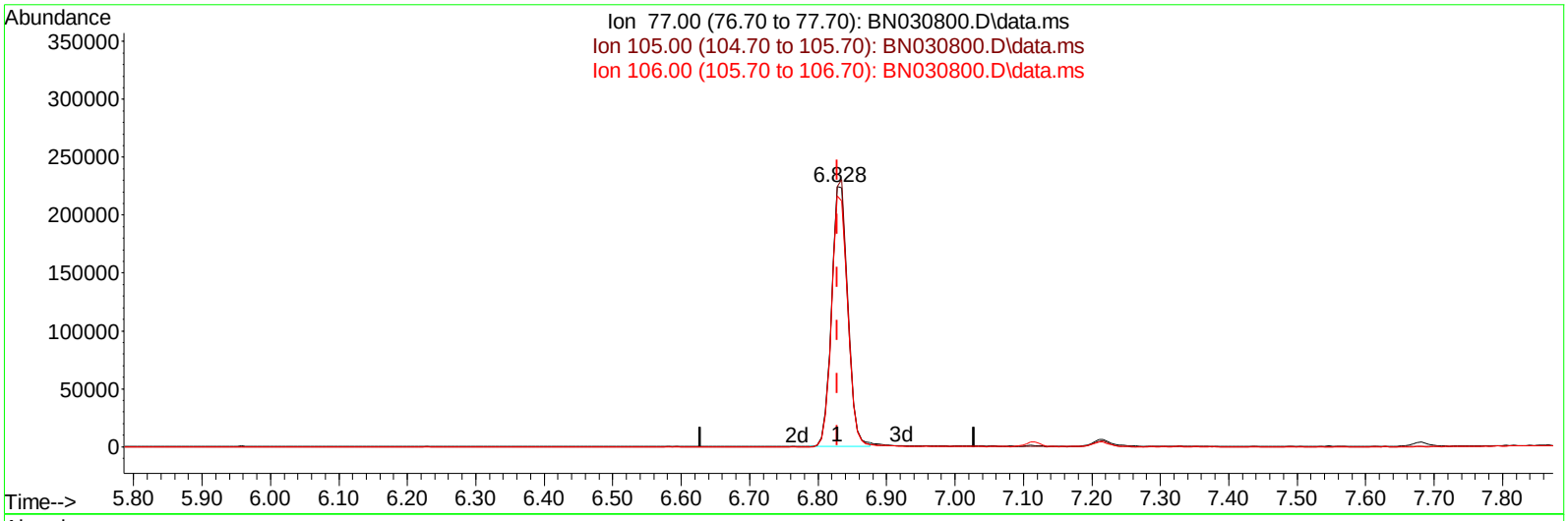

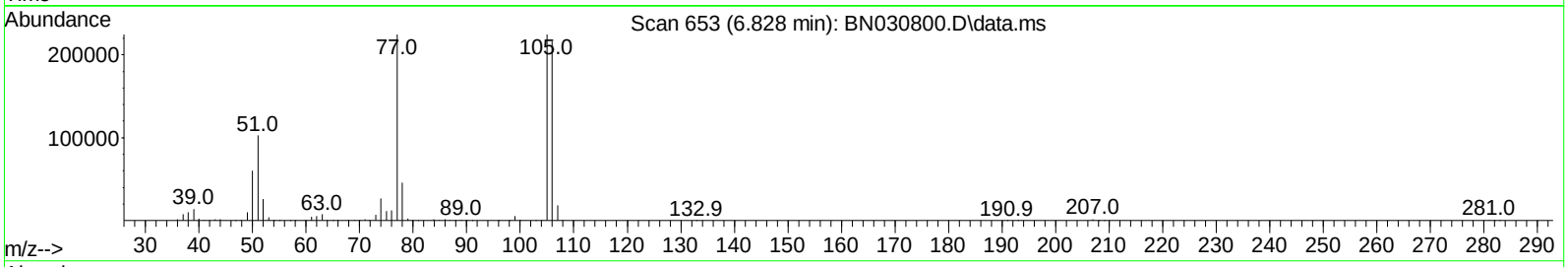

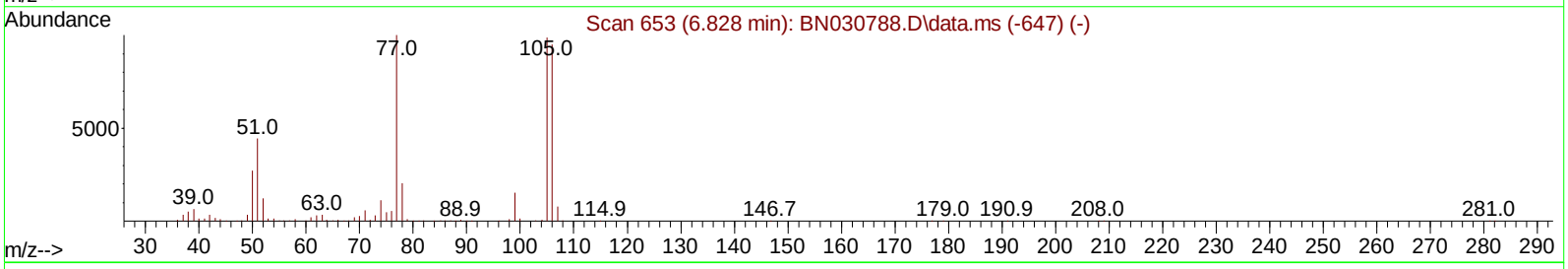

TIC: BN030800.D\data.ms

(6) Benzaldehyde

6.828min (+ 0.000) 55.45 ng/ul m

response 366953

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	99.94
106.00	94.50	96.32
0.00	0.00	0.00

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Instrument :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	175659	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	812716	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	556289	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	1192072	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1154069	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1311601	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	21408	5.714	ng/uL	0.00
4) Pyridine-d5	3.599	84	173352	15.432	ng/ul	0.00
7) Phenol-d5	6.852	99	152076	10.702	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	382158	43.542	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	403078	37.392	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	292255	24.540	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	278291	49.362	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	284936	55.247	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	515263	45.635	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	742597	39.949	ng/ul	0.00
46) Dimethylphthalate-d6	13.746	166	1954737	52.630	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2161159	50.609	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	91491	12.878	ng/ul	0.00
60) Fluorene-d10	15.322	176	1675499	51.552	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	318427	60.518	ng/ul	0.00
73) Anthracene-d10	17.175	188	2671598	52.015	ng/ul	0.00
81) Pyrene-d10	19.475	212	3180005	51.251	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.051	264	3333194	55.153	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	22883	5.702	ng/uL	98
5) Pyridine	3.617	79	174864	15.427	ng/ul	99
6) Benzaldehyde	6.828	77	366953m	55.452	ng/ul	
8) Phenol	6.875	94	167495	11.315	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.116	93	513239	42.516	ng/ul	99
12) 2-Chlorophenol	7.246	128	414206	35.819	ng/ul	97
13) 2-Methylphenol	8.122	108	323238	28.337	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.205	45	666058	39.185	ng/ul	99
16) Acetophenone	8.505	105	832088	44.252	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.487	70	418046	44.142	ng/ul	98
18) 4-Methylphenol	8.452	108	318502	24.941	ng/ul	99
19) Hexachloroethane	8.752	117	144300	29.764	ng/ul	99
22) Nitrobenzene	8.881	77	609975	44.321	ng/ul	99
23) Isophorone	9.405	82	1269450	46.252	ng/ul	100
25) 2-Nitrophenol	9.587	139	303593	50.086	ng/ul	97
26) 2,4-Dimethylphenol	9.646	107	470890	34.953	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.887	93	754178	43.218	ng/ul	99
29) 2,4-Dichlorophenol	10.110	162	506740	43.969	ng/ul	96
30) Naphthalene	10.516	128	1671941	40.111	ng/ul	99
32) 4-Chloroaniline	10.628	127	710400	39.655	ng/ul	100
33) Hexachlorobutadiene	10.793	225	240027	33.088	ng/ul	99
34) Caprolactam	11.422	113	31988	7.430	ng/ul	94
35) 4-Chloro-3-methylphenol	11.752	107	563118	43.382	ng/ul	99

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.134	142	1289983	44.315	ng/ul	98
37) 1-Methylnaphthalene	12.352	142	1300371	44.006	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.499	216	652253	45.434	ng/ul	97
40) Hexachlorocyclopentadiene	12.475	237	233236	28.608	ng/ul	99
41) 2,4,6-Trichlorophenol	12.746	196	464526	51.781	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	530613	52.374	ng/ul	98
43) 1,1'-Biphenyl	13.157	154	1777345	46.875	ng/ul	98
44) 2-Chloronaphthalene	13.193	162	1364967	45.730	ng/ul	99
45) 2-Nitroaniline	13.410	65	457246	57.563	ng/ul	98
47) Dimethylphthalate	13.793	163	1930238	50.311	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	407629	57.305	ng/ul	99
50) Acenaphthylene	14.046	152	2337114	47.367	ng/ul	99
51) 3-Nitroaniline	14.240	138	437446	57.938	ng/ul	97
52) Acenaphthene	14.393	153	1562694	47.526	ng/ul	100
53) 2,4-Dinitrophenol	14.446	184	196637	60.185	ng/ul	97
55) 4-Nitrophenol	14.546	109	72390	12.861	ng/ul	97
56) Dibenzofuran	14.728	168	2196709	48.062	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	606866	58.435	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.951	232	463542	55.090	ng/ul	96
59) Diethylphthalate	15.163	149	1985681	50.946	ng/ul	100
61) Fluorene	15.381	166	1736271	47.792	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.375	204	844753	47.395	ng/ul	99
63) 4-Nitroaniline	15.410	138	479098	65.270	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	337465	59.689	ng/ul	94
67) N-Nitrosodiphenylamine	15.593	169	1620004	49.901	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	575846	50.871	ng/ul	97
69) Hexachlorobenzene	16.375	284	639017	47.941	ng/ul	98
70) Atrazine	16.551	200	594732	52.854	ng/ul	97
71) Pentachlorophenol	16.722	266	435817	55.455	ng/ul	93
72) Phenanthrene	17.116	178	3061699	49.991	ng/ul	99
74) Anthracene	17.210	178	3040690	49.111	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	696574	47.564	ng/uL	95
76) Pentachlorobenzene	14.640	250	709040	47.665	ng/uL	90
77) Carbazole	17.481	167	2987387	55.020	ng/ul	99
78) Di-n-butylphthalate	18.051	149	3632043	54.833	ng/ul	100
80) Fluoranthene	19.139	202	3646875	49.443	ng/ul	98
82) Pyrene	19.504	202	3864613	49.612	ng/ul	100
83) Butylbenzylphthalate	20.416	149	1780382	59.849	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.228	252	1008163	47.542	ng/ul	97
85) Benzo(a)anthracene	21.298	228	3844534	49.916	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	2417544	55.107	ng/ul	99
87) Chrysene	21.357	228	3730226	51.311	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	4656960	56.067	ng/ul	100
90) Benzo(b)fluoranthene	23.322	252	3894969	50.460	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	3957381	50.483	ng/ul	99
93) Benzo(a)pyrene	24.116	252	3343229	45.850	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.551	276	4180573	53.038	ng/ul	100
95) Dibenzo(a,h)anthracene	27.610	278	3390098	51.090	ng/ul	96
96) Benzo(g,h,i)perylene	28.580	276	3125177	50.504	ng/ul	99

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

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