Quantitation Report (Qedit)

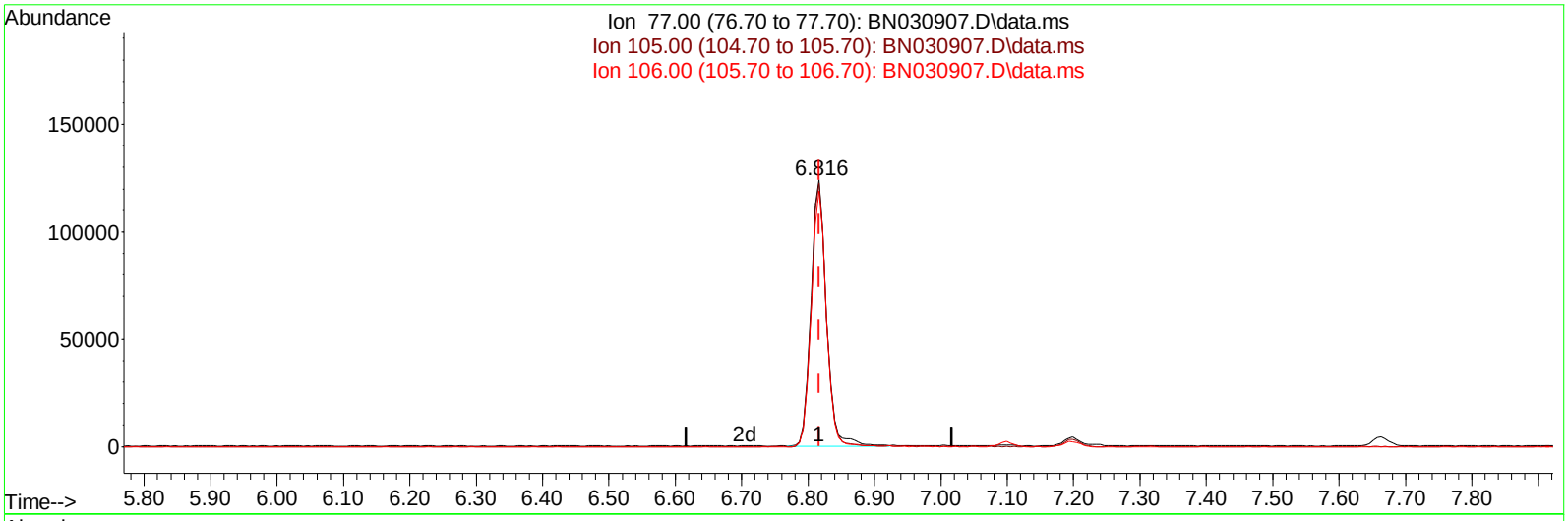
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041324\
Data File : BN030907.D
Acq On : 14 Apr 2024 09:46
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

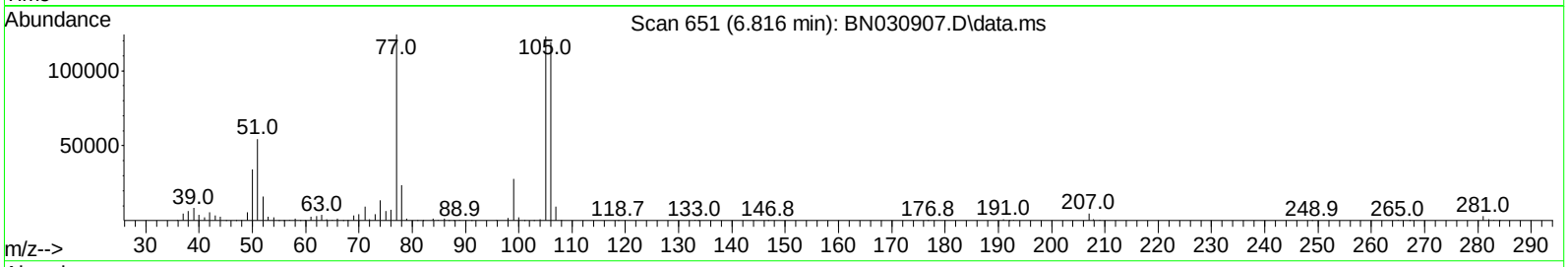
Quant Time: Apr 14 22:13:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Apr 14 22:12:55 2024
Response via : Initial Calibration

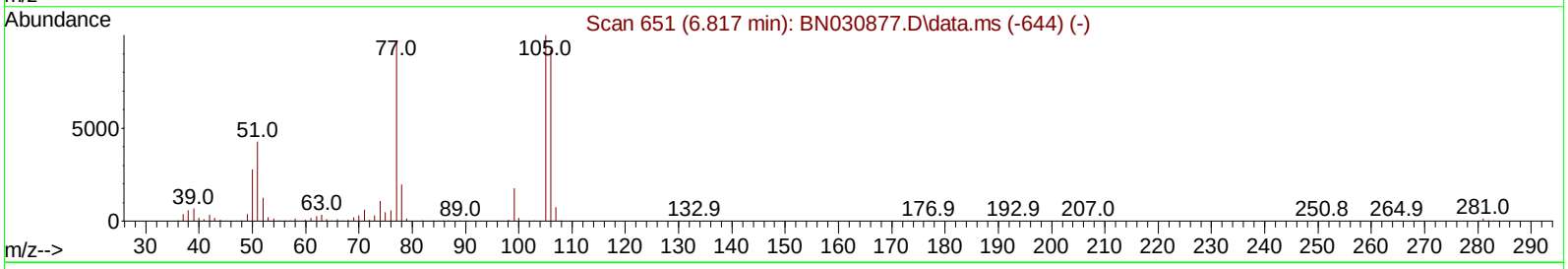
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024







TIC: BN030907.D\data.ms

(6) Benzaldehyde

6.816min (-0.000) 26.31 ng/ul

response 202025

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	98.89
106.00	94.50	95.94
0.00	0.00	0.00

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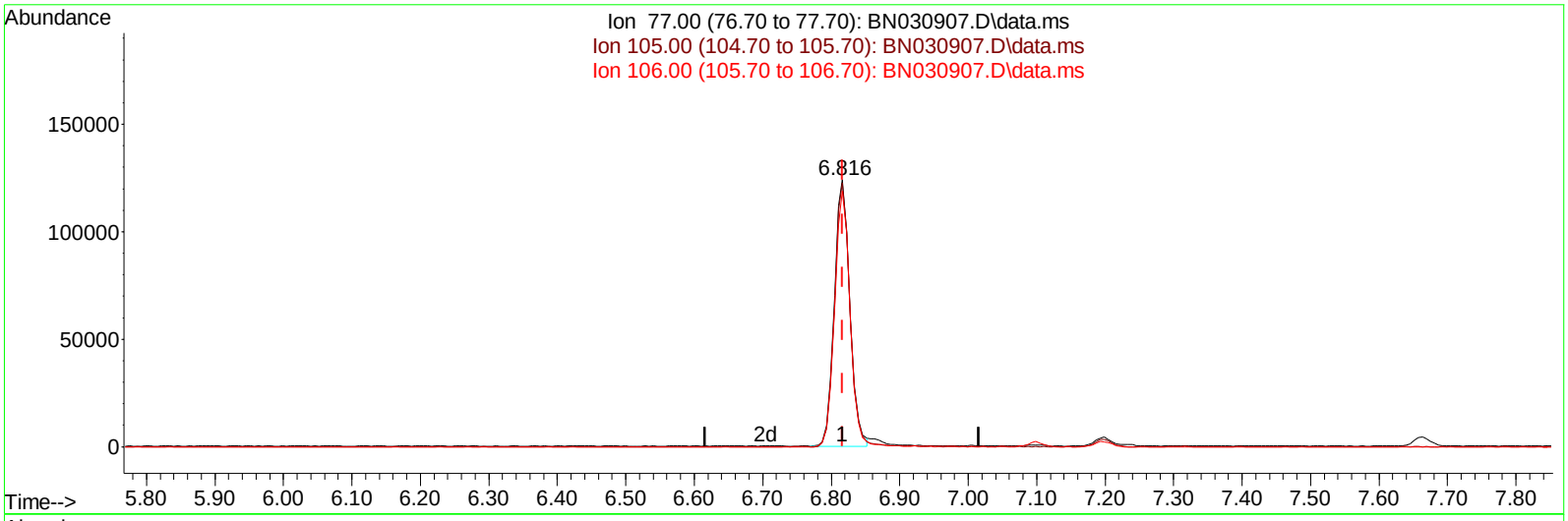

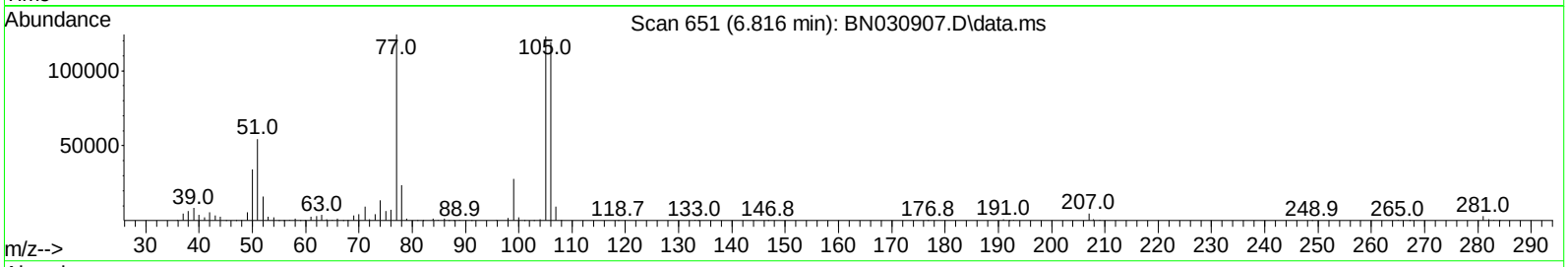

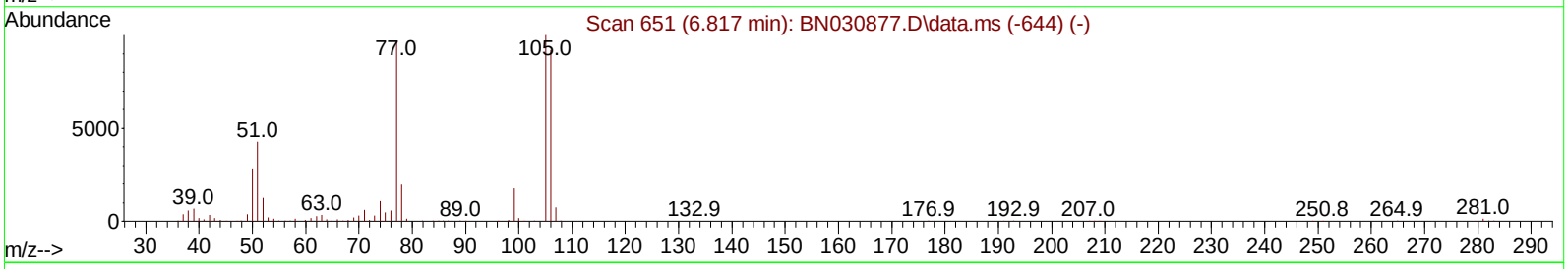

TIC: BN030907.D\data.ms

(6) Benzaldehyde

6.816min (-0.000) 25.56 ng/ul m

response 196268

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	98.89
106.00	94.50	95.94
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	203855	20.000	ng/ul	0.00
20) Naphthalene-d8	10.446	136	877231	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	574046	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	1231897	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	1351303	20.000	ng/ul	0.00
88) Perylene-d12	24.215	264	1466893	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	35377	8.136	ng/uL	0.00
4) Pyridine-d5	3.581	84	266921	20.475	ng/ul	0.00
7) Phenol-d5	6.834	99	340760	20.664	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	201505	19.783	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	275481	22.021	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	276043	19.973	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	136171	22.377	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	137236	24.652	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	276873	22.718	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	413910	20.629	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	798424	20.832	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	976204	22.153	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	164490	22.437	ng/ul	0.00
60) Fluorene-d10	15.304	176	726197	21.652	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	108848	20.018	ng/ul	0.00
73) Anthracene-d10	17.157	188	1156629	21.791	ng/ul	0.00
81) Pyrene-d10	19.457	212	1460834	20.107	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	1462902	21.643	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	37987	8.156	ng/uL	96
5) Pyridine	3.599	79	272892	20.745	ng/ul	96
6) Benzaldehyde	6.816	77	196268m	25.557	ng/ul	
8) Phenol	6.863	94	358038	20.841	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.099	93	286211	20.430	ng/ul	98
12) 2-Chlorophenol	7.228	128	289031	21.537	ng/ul	97
13) 2-Methylphenol	8.105	108	265906	20.086	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.187	45	373095	18.914	ng/ul	99
16) Acetophenone	8.487	105	440492	20.186	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.469	70	207099	18.843	ng/ul	96
18) 4-Methylphenol	8.434	108	296303	19.994	ng/ul	100
19) Hexachloroethane	8.734	117	116982	20.792	ng/ul	99
22) Nitrobenzene	8.863	77	323861	21.801	ng/ul	96
23) Isophorone	9.381	82	593759	20.042	ng/ul	99
25) 2-Nitrophenol	9.569	139	154321	23.587	ng/ul	97
26) 2,4-Dimethylphenol	9.628	107	308023	21.182	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.869	93	384265	20.401	ng/ul	98
29) 2,4-Dichlorophenol	10.093	162	272772	21.928	ng/ul	99
30) Naphthalene	10.493	128	973421	21.636	ng/ul	99
32) 4-Chloroaniline	10.610	127	405081	20.949	ng/ul	100
33) Hexachlorobutadiene	10.775	225	167504	21.392	ng/ul	99
34) Caprolactam	11.387	113	88091	18.956	ng/ul	94
35) 4-Chloro-3-methylphenol	11.740	107	299904	21.405	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	662838	21.096	ng/ul	99
37) 1-Methylnaphthalene	12.334	142	664633	20.838	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.481	216	330654	22.320	ng/ul	97
40) Hexachlorocyclopentadiene	12.457	237	145479	17.292	ng/ul	98
41) 2,4,6-Trichlorophenol	12.728	196	214325	23.152	ng/ul	99
42) 2,4,5-Trichlorophenol	12.798	196	235795	22.554	ng/ul	97
43) 1,1'-Biphenyl	13.140	154	857314	21.911	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	680880	22.106	ng/ul	98
45) 2-Nitroaniline	13.392	65	182372	22.249	ng/ul	97
47) Dimethylphthalate	13.769	163	825665	20.855	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	161196	21.960	ng/ul	95
50) Acenaphthylene	14.028	152	1137872	22.348	ng/ul	99
51) 3-Nitroaniline	14.222	138	187680	24.089	ng/ul	99
52) Acenaphthene	14.375	153	741084	21.841	ng/ul	98
53) 2,4-Dinitrophenol	14.428	184	57226	16.973	ng/ul	97
55) 4-Nitrophenol	14.534	109	129690	22.329	ng/ul	98
56) Dibenzofuran	14.710	168	1042546	22.104	ng/ul	97
57) 2,4-Dinitrotoluene	14.681	165	242255	22.605	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.934	232	202772	23.353	ng/ul	99
59) Diethylphthalate	15.139	149	832893	20.708	ng/ul	99
61) Fluorene	15.357	166	846010	22.567	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	399158	21.702	ng/ul	99
63) 4-Nitroaniline	15.392	138	200034	26.409	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.445	198	116360	19.916	ng/ul	92
67) N-Nitrosodiphenylamine	15.575	169	706383	21.055	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	250311	21.398	ng/ul	96
69) Hexachlorobenzene	16.357	284	290173	21.066	ng/ul	96
70) Atrazine	16.528	200	242510	20.855	ng/ul	96
71) Pentachlorophenol	16.704	266	174930	21.539	ng/ul	99
72) Phenanthrene	17.098	178	1391909	21.992	ng/ul	99
74) Anthracene	17.192	178	1449628	22.657	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	330664	21.849	ng/uL	99
76) Pentachlorobenzene	14.622	250	328292	21.356	ng/uL	93
77) Carbazole	17.463	167	1329249	23.690	ng/ul	98
78) Di-n-butylphthalate	18.033	149	1518734	22.187	ng/ul	100
80) Fluoranthene	19.122	202	1745262	20.208	ng/ul	98
82) Pyrene	19.486	202	1844049	20.218	ng/ul	99
83) Butylbenzylphthalate	20.398	149	745466	21.402	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.210	252	550885	22.187	ng/ul	98
85) Benzo(a)anthracene	21.274	228	1938328	21.493	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.204	149	1149917	22.386	ng/ul	100
87) Chrysene	21.333	228	1816229	21.337	ng/ul	98
89) Di-n-octyl phthalate	22.316	149	1916471	20.631	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1908821	22.111	ng/ul	98
91) Benzo(k)fluoranthene	23.351	252	1872915	21.363	ng/ul	98
93) Benzo(a)pyrene	24.074	252	1758490	21.563	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.492	276	1862547	21.128	ng/ul	96
95) Dibenzo(a,h)anthracene	27.545	278	1575346	21.228	ng/ul	98
96) Benzo(g,h,i)perylene	28.515	276	1487634	21.496	ng/ul	99

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

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