Quantitation Report (Qedit)

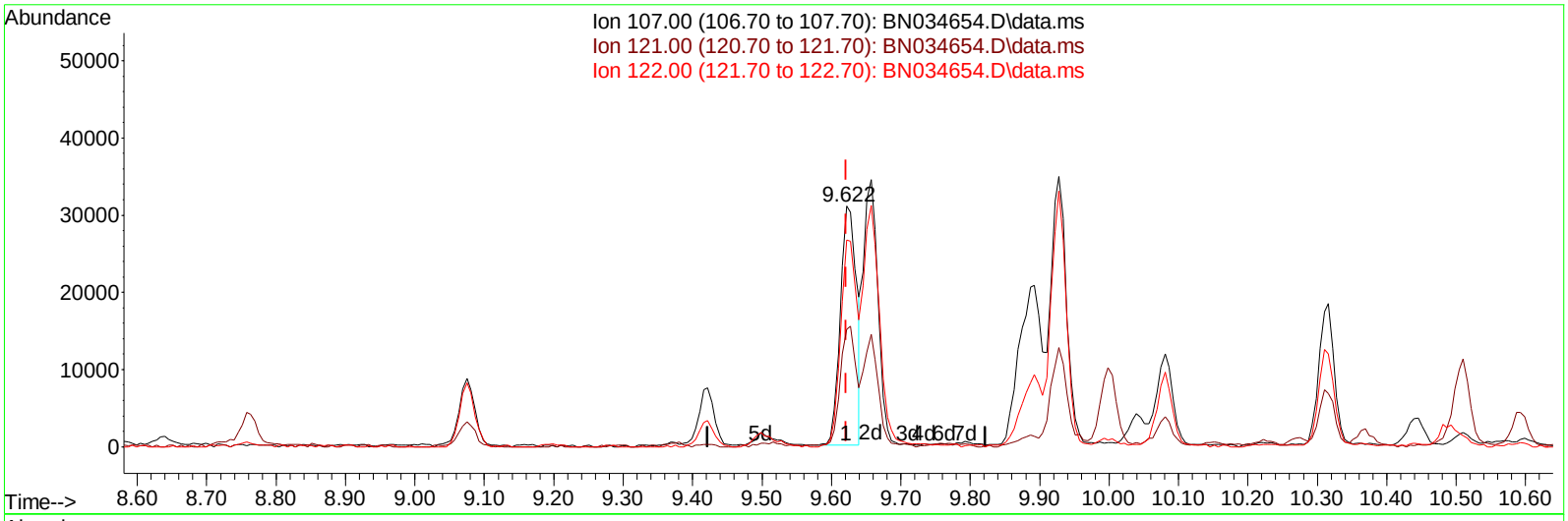
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034654.D
Acq On : 18 Oct 2024 17:56
Operator : RC/JU
Sample : P4380-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

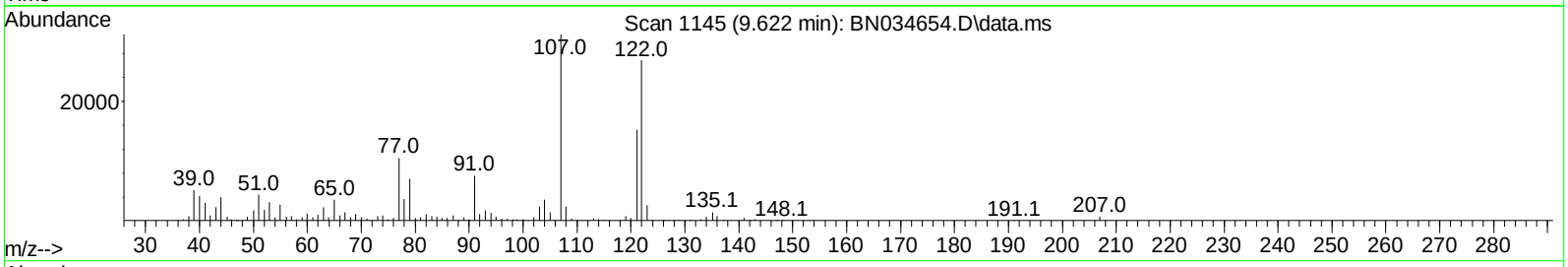
Quant Time: Oct 18 22:57:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration

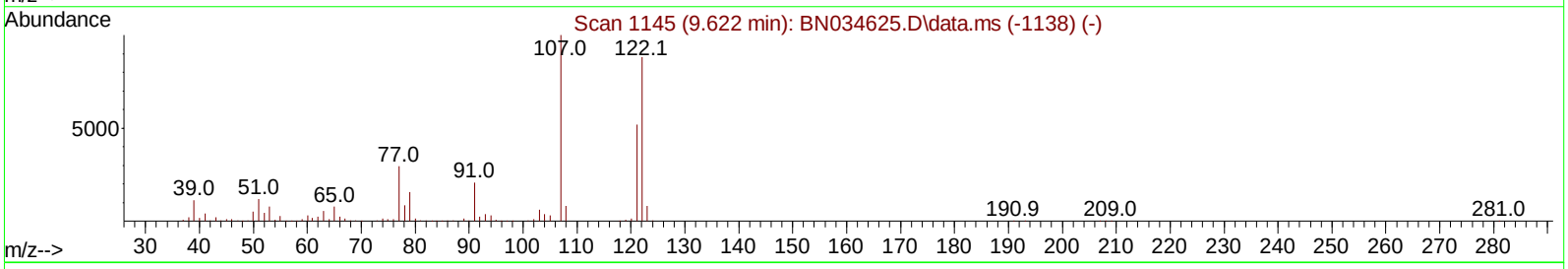
Instrument :
BNA_N
ClientSampleId :
E27J1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024







TIC: BN034654.D\data.ms

(26) 2,4-Dimethylphenol

9.622min (0.000) 2.50 ng/ul

response 50800

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	52.20	48.95
122.00	87.70	86.10
0.00	0.00	0.00

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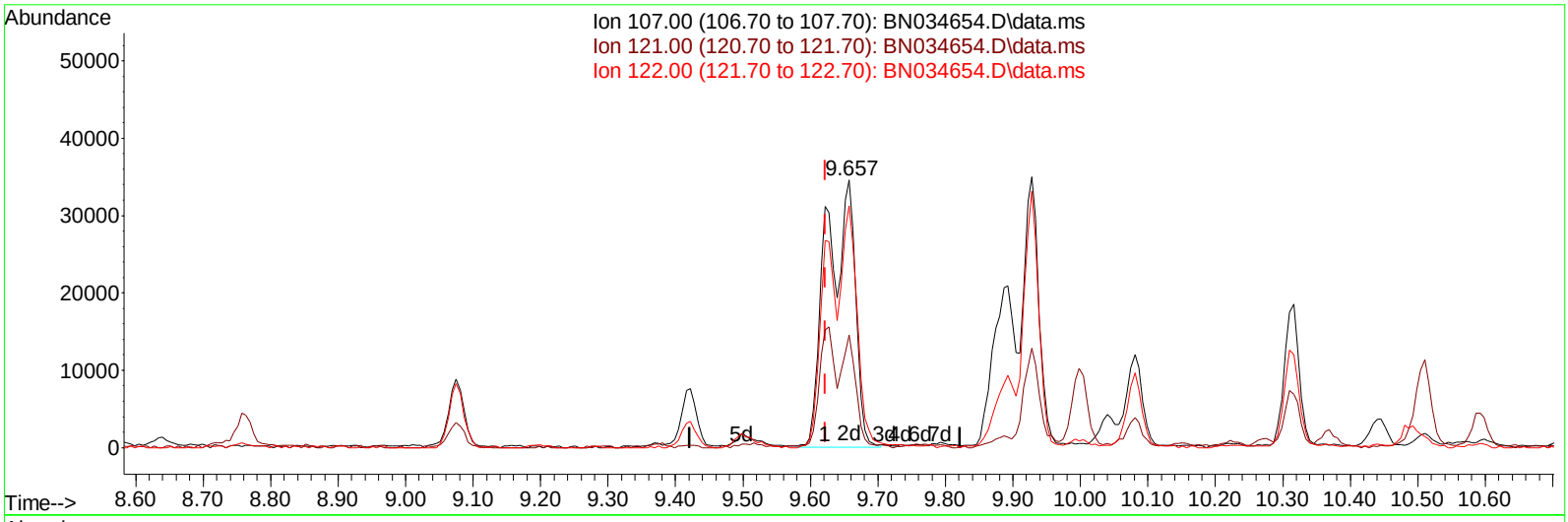

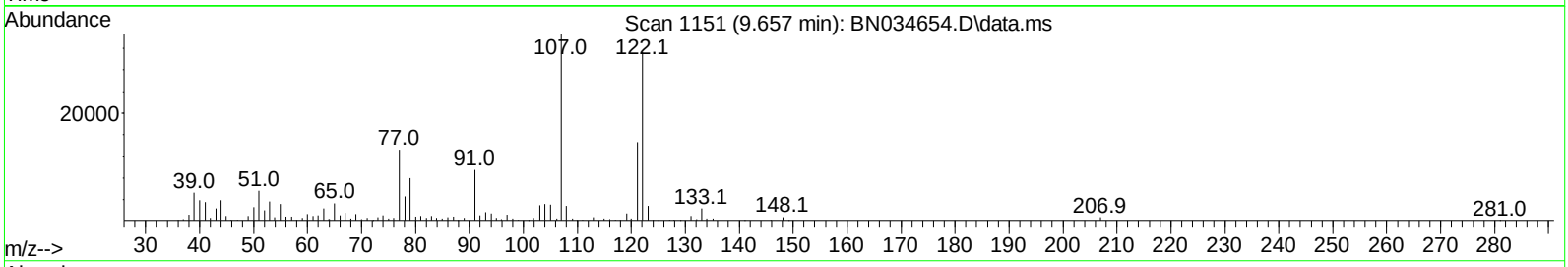

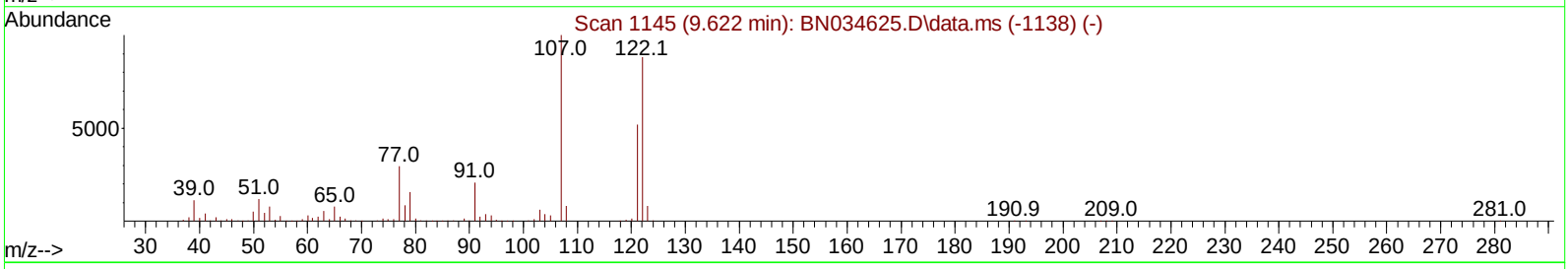

TIC: BN034654.D\data.ms

(26) 2,4-Dimethylphenol

9.657min (+ 0.035) 5.02 ng/ul m

response 102115

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	52.20	42.21
122.00	87.70	90.44
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BN034654.D
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Operator : RC/JU
Sample : P4380-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 18 23:22:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	327469	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1260796	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.292	164	638555	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	1050925	20.000	ng/ul	0.00
79) Chrysene-d12	21.262	240	952928	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1156667	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	40577	4.958	ng/uL	0.00
4) Pyridine-d5	3.605	84	152998	6.403	ng/ul	0.00
7) Phenol-d5	6.834	99	312230	11.618	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	620305	37.418	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	754051	36.322	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	505335	24.128	ng/ul	0.00
21) Nitrobenzene-d5	8.810	128	383501	43.709	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	378219	54.550	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	630371	39.446	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	415827	15.168	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	1541718	38.164	ng/ul	0.00
49) Acenaphthylene-d8	13.986	160	2023797	40.332	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	84374	11.212	ng/ul	0.00
60) Fluorene-d10	15.292	176	1328637	38.026	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	138037	39.186	ng/ul	0.00
73) Anthracene-d10	17.139	188	1856702	41.329	ng/ul	0.00
81) Pyrene-d10	19.433	212	2036375	41.619	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.956	264	2377553	44.611	ng/ul	-0.01
Target Compounds						Qvalue
8) Phenol	6.863	94	41647	1.484	ng/ul	98
13) 2-Methylphenol	8.104	108	33678	1.626	ng/ul	99
18) 4-Methylphenol	8.428	108	111064	4.945	ng/ul	99
26) 2,4-Dimethylphenol	9.657	107	102115m	5.019	ng/ul	
30) Naphthalene	10.487	128	1698630	26.803	ng/ul	99
36) 2-Methylnaphthalene	12.104	142	130577	3.129	ng/ul	91
37) 1-Methylnaphthalene	12.328	142	131738	3.101	ng/ul	94
50) Acenaphthylene	14.016	152	137454	2.528	ng/ul	96
52) Acenaphthene	14.357	153	85876	2.273	ng/ul	94
56) Dibenzofuran	14.698	168	91477	1.822	ng/ul	95
61) Fluorene	15.345	166	105924	2.619	ng/ul	94
67) N-Nitrosodiphenylamine	15.557	169	54869	1.853	ng/ul	96
72) Phenanthrene	17.080	178	182309	3.476	ng/ul	98
77) Carbazole	17.439	167	204068	4.066	ng/ul	99

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

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