Quantitation Report (Qedit)

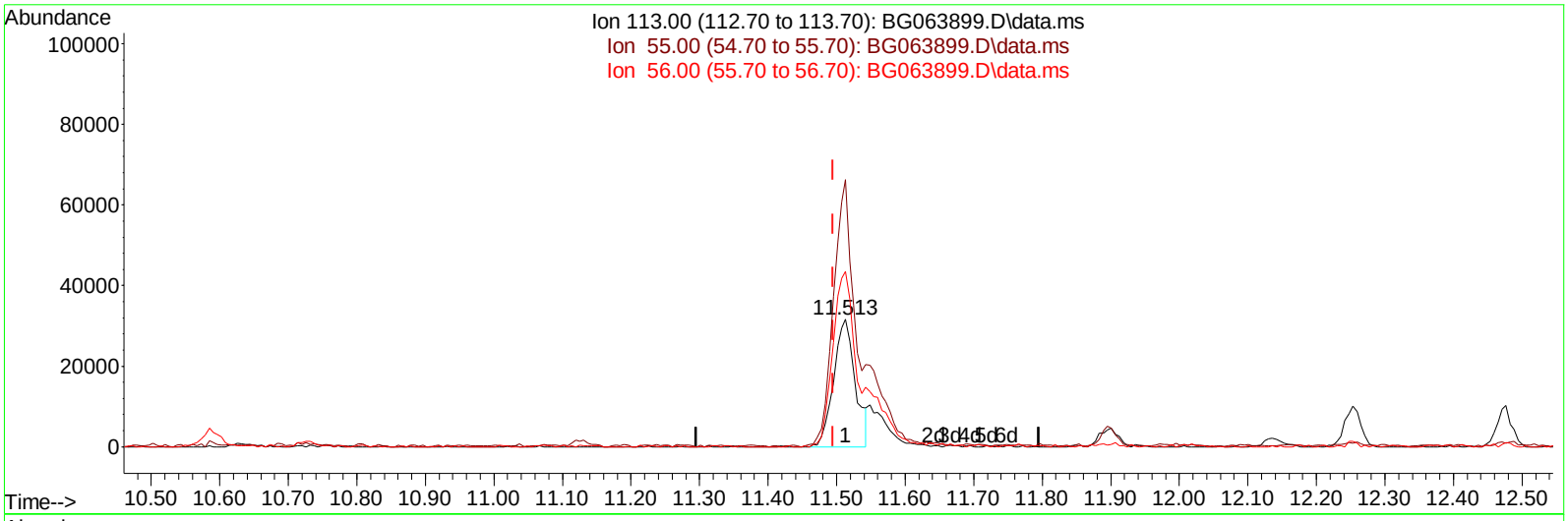
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063899.D
Acq On : 28 Dec 2024 11:35
Operator : RC/JU
Sample : P5351-06MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

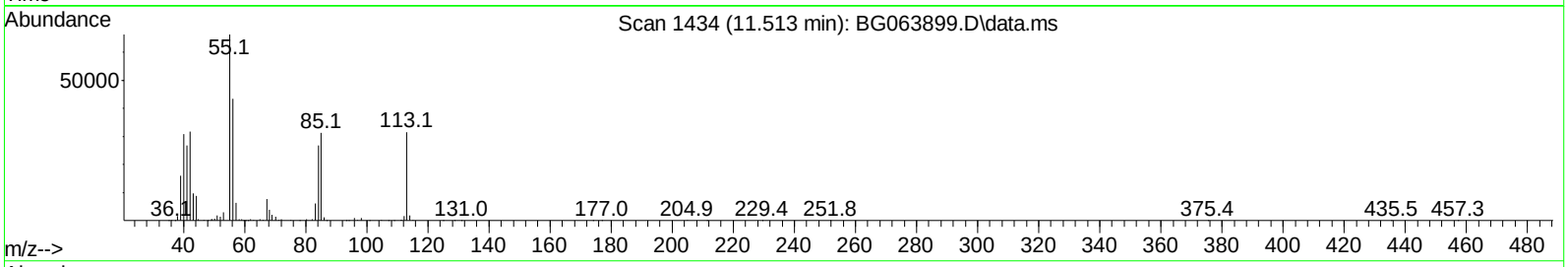
Quant Time: Dec 29 23:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

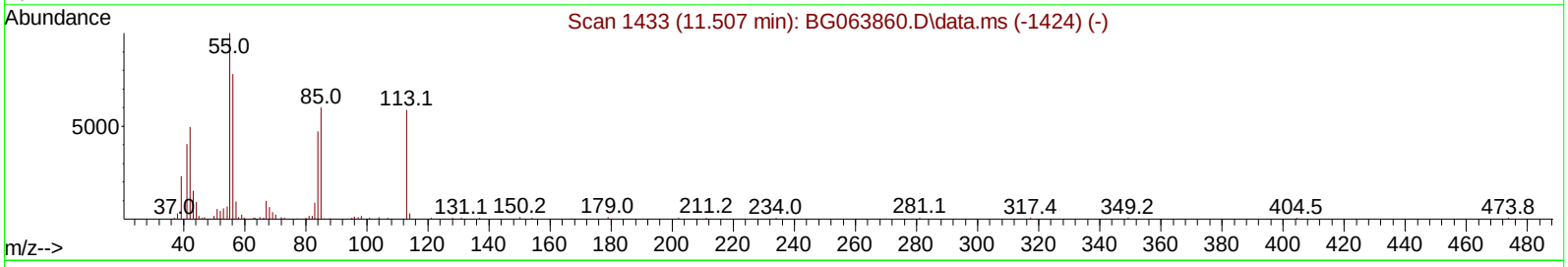
Instrument :
BNA_G
ClientSampleId :
E2926MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024







TIC: BG063899.D\data.ms

(34) Caprolactam

11.513min (+ 0.018) 25.88 ng/ul

response 69521

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	209.89
56.00	133.90	137.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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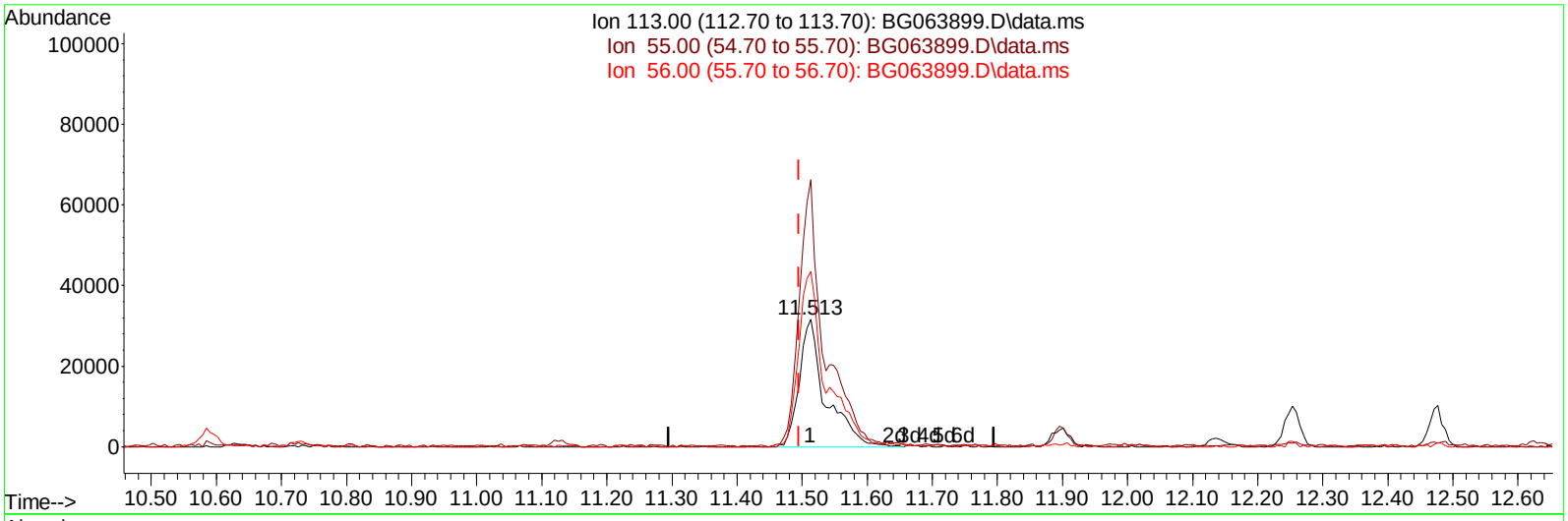

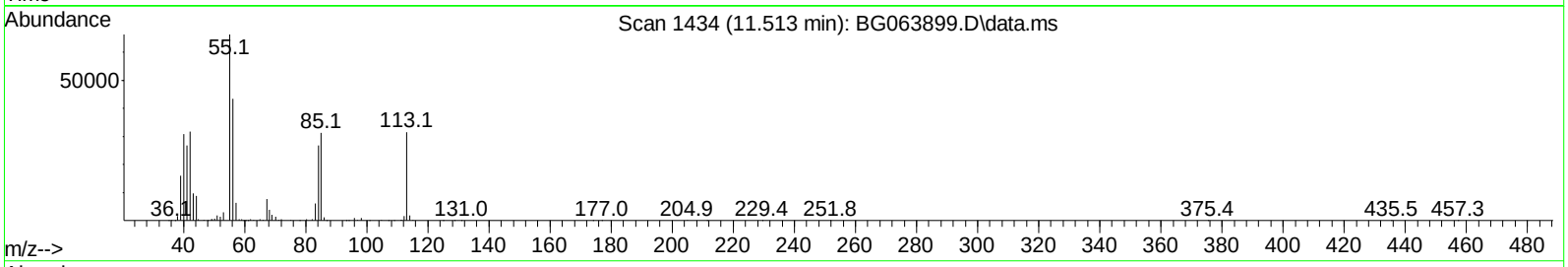

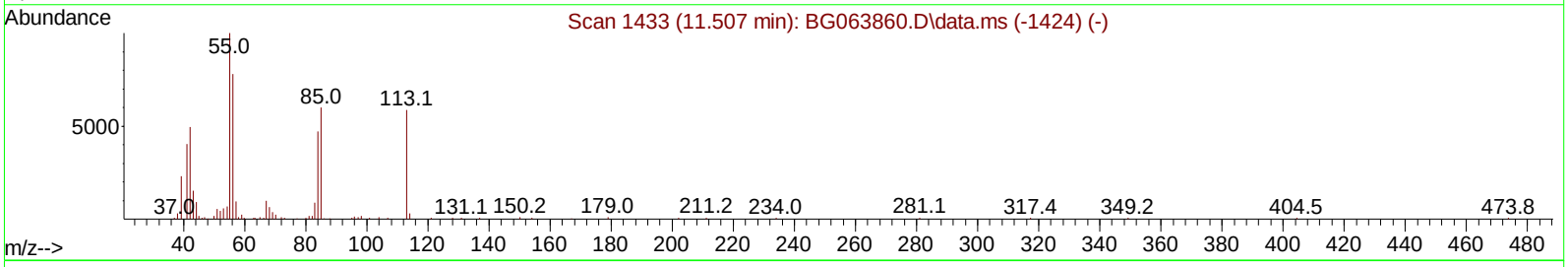

TIC: BG063899.D\data.ms

(34) Caprolactam

11.513min (+ 0.018) 33.16 ng/ul m

response 89104

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	209.89
56.00	133.90	137.79
0.00	0.00	0.00

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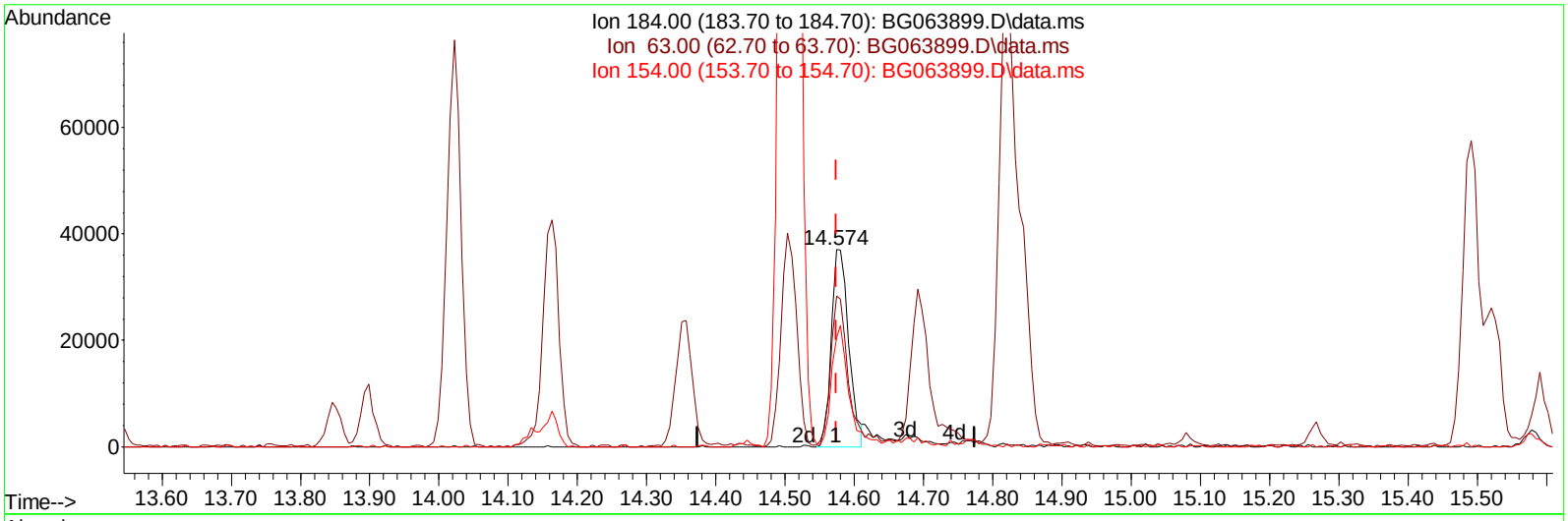

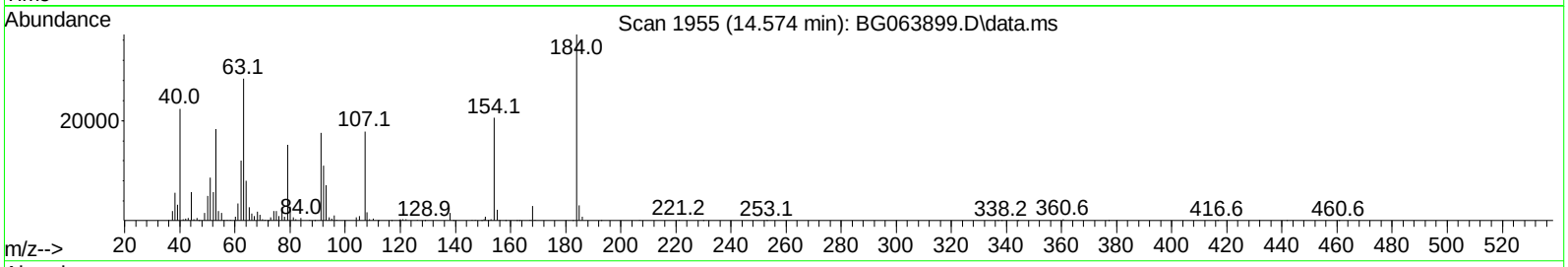

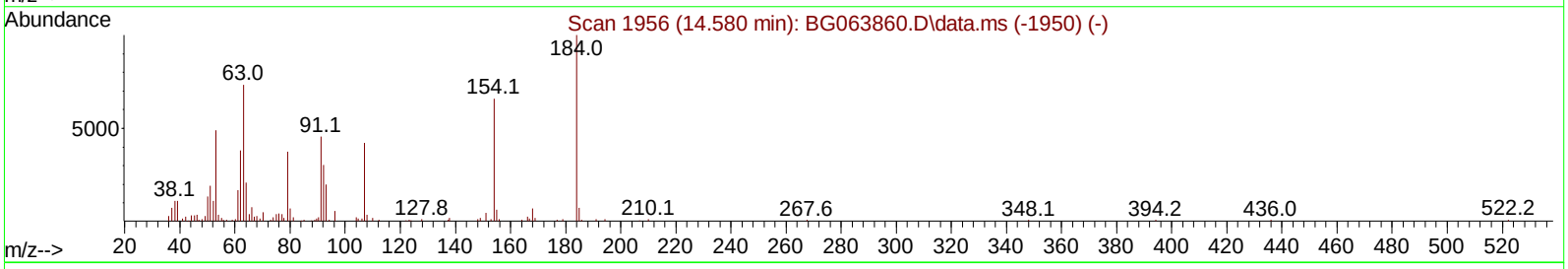

TIC: BG063899.D\data.ms

(53) 2,4-Dinitrophenol

14.574min (+ 0.000) 27.87 ng/ul

response 64474

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	65.10	76.48
154.00	59.70	55.35
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 28 Dec 2024 11:35
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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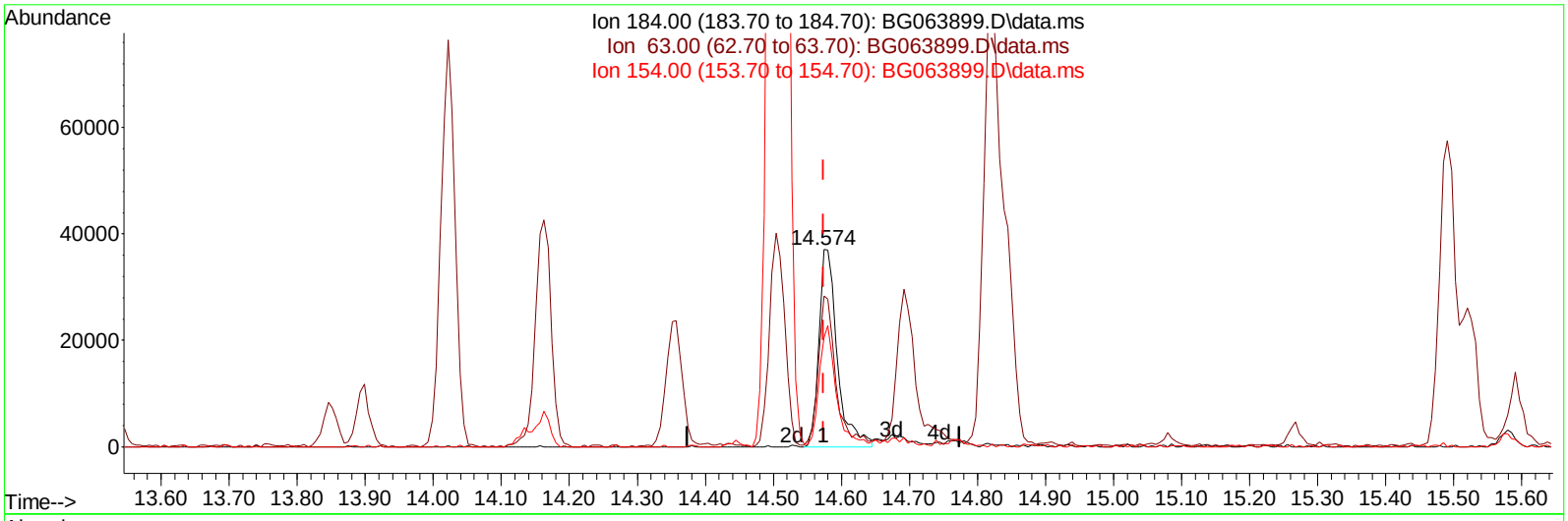
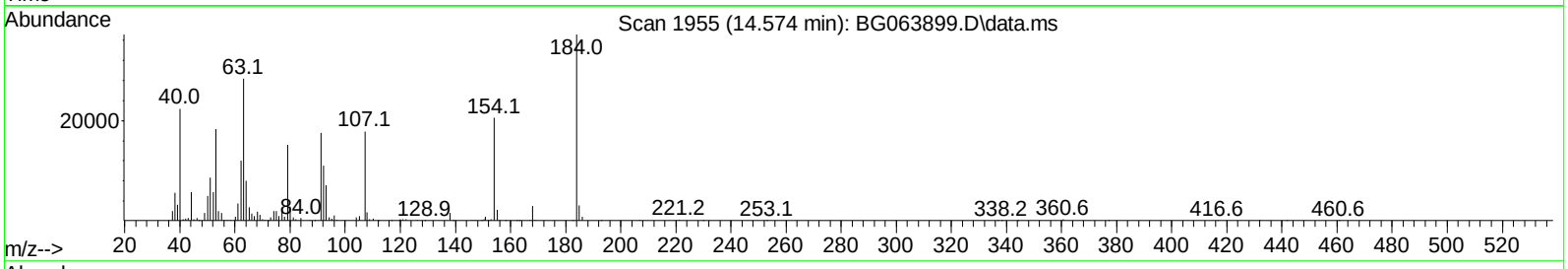
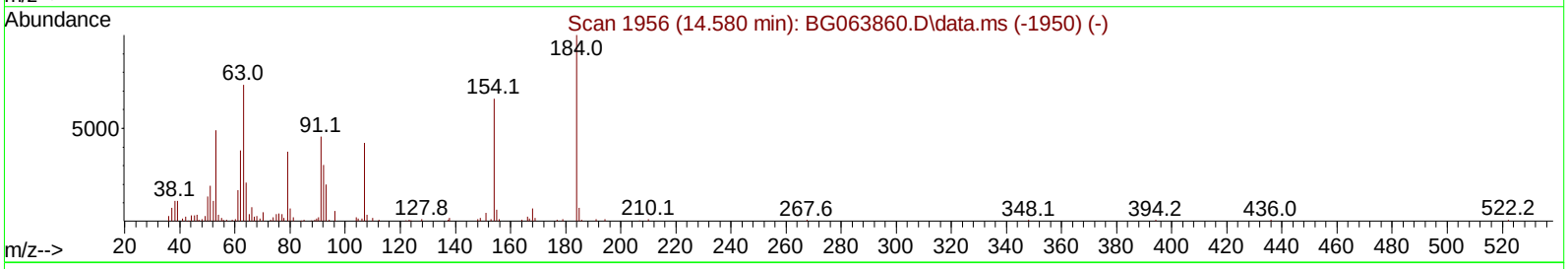
Supervised By :mohammad ahmed 12/30/2024







TIC: BG063899.D\data.ms

(53) 2,4-Dinitrophenol

14.574min (+ 0.000) 30.05 ng/ul m

response 69498

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	65.10	76.48
154.00	59.70	55.35
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063899.D
Acq On : 28 Dec 2024 11:35
Operator : RC/JU
Sample : P5351-06MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 30 00:04:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
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Instrument :
BNA_G
ClientSampleId :
E2926MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	125575	20.000	ng/ul	0.00
20) Naphthalene-d8	10.591	136	504784	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	357350	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	822084	20.000	ng/ul	0.00
79) Chrysene-d12	21.454	240	830994	20.000	ng/ul	0.02
88) Perylene-d12	24.474	264	862490	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	13307	4.153	ng/uL	0.00
4) Pyridine-d5	3.669	84	188047	18.602	ng/ul	0.00
7) Phenol-d5	6.989	99	242726	20.987	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	161801	20.256	ng/ul	0.00
11) 2-Chlorophenol-d4	7.336	132	165302	22.077	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	189313	21.084	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	85514	23.726	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	98631	24.413	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.220	165	189757	24.259	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	182331	18.358	ng/ul	0.00
46) Dimethylphthalate-d6	13.852	166	558397	22.964	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	616773	22.251	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	79254	23.004	ng/ul	0.01
60) Fluorene-d10	15.438	176	461646	21.473	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	82971	19.439	ng/ul	0.01
73) Anthracene-d10	17.295	188	786323	22.247	ng/ul	0.00
81) Pyrene-d10	19.598	212	839629	19.417	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.269	264	733476	18.109	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	44568	11.752	ng/uL	94
5) Pyridine	3.687	79	329057	30.391	ng/ul	90
6) Benzaldehyde	6.942	77	62215	8.770	ng/ul	92
8) Phenol	7.012	94	384502	31.195	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.224	93	279008	29.586	ng/ul	98
12) 2-Chlorophenol	7.371	128	247194	32.615	ng/ul	99
13) 2-Methylphenol	8.252	108	271695	30.498	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.317	45	419284	29.948	ng/ul	98
16) Acetophenone	8.616	105	441622	28.997	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.605	70	255481	28.114	ng/ul	91
18) 4-Methylphenol	8.581	108	295594	30.317	ng/ul	95
19) Hexachloroethane	8.869	117	109673	29.450	ng/ul	96
22) Nitrobenzene	8.998	77	382626	31.791	ng/ul	96
23) Isophorone	9.515	82	702697	30.900	ng/ul	98
25) 2-Nitrophenol	9.709	139	148956	35.875	ng/ul	86
26) 2,4-Dimethylphenol	9.774	107	311279	33.038	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.997	93	400440	32.556	ng/ul#	97
29) 2,4-Dichlorophenol	10.250	162	270124	34.755	ng/ul	96
30) Naphthalene	10.638	128	819389	32.467	ng/ul	98
32) 4-Chloroaniline	10.749	127	182666	19.330	ng/ul	99
33) Hexachlorobutadiene	10.926	225	196863	31.177	ng/ul	95
34) Caprolactam	11.513	113	89104m	33.165	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	296991	32.548	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
ClientSampleId :
E2926MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.253	142	574814	31.690	ng/ul	98
37) 1-Methylnaphthalene	12.477	142	584264	31.623	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.629	216	367711	32.143	ng/ul	98
40) Hexachlorocyclopentadiene	12.606	237	51164	11.314	ng/ul	96
41) 2,4,6-Trichlorophenol	12.876	196	221065	34.191	ng/ul	97
42) 2,4,5-Trichlorophenol	12.958	196	233282	34.572	ng/ul	97
43) 1,1'-Biphenyl	13.270	154	800464	33.966	ng/ul	96
44) 2-Chloronaphthalene	13.311	162	632248	33.409	ng/ul	97
45) 2-Nitroaniline	13.523	65	223116	35.198	ng/ul	93
47) Dimethylphthalate	13.899	163	796443	32.681	ng/ul	98
48) 2,6-Dinitrotoluene	14.022	165	163689	36.167	ng/ul	97
50) Acenaphthylene	14.163	152	991357	33.355	ng/ul	97
51) 3-Nitroaniline	14.357	138	157298	37.590	ng/ul	90
52) Acenaphthene	14.510	153	701134	33.283	ng/ul	96
53) 2,4-Dinitrophenol	14.574	184	69498m	30.047	ng/ul	
55) 4-Nitrophenol	14.692	109	107680	30.099	ng/ul	95
56) Dibenzofuran	14.844	168	1018223	34.284	ng/ul	98
57) 2,4-Dinitrotoluene	14.821	165	239839	35.663	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.079	232	200708	34.506	ng/ul	97
59) Diethylphthalate	15.268	149	791330	33.589	ng/ul	97
61) Fluorene	15.497	166	788632	33.254	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.485	204	414529	31.375	ng/ul	96
63) 4-Nitroaniline	15.526	138	177268	42.315	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.591	198	145596	33.111	ng/ul	95
67) N-Nitrosodiphenylamine	15.708	169	680349	34.176	ng/ul	96
68) 4-Bromophenyl-phenylether	16.384	248	283199	33.802	ng/ul	96
69) Hexachlorobenzene	16.507	284	313406	33.388	ng/ul	99
70) Atrazine	16.660	200	296540	35.239	ng/ul	97
71) Pentachlorophenol	16.860	266	136594	34.513	ng/ul	96
72) Phenanthrene	17.242	178	1454615	36.718	ng/ul	99
74) Anthracene	17.330	178	1426335	35.572	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.240	216	357952	32.635	ng/ul	95
76) Pentachlorobenzene	14.768	250	363722	33.473	ng/ul	99
77) Carbazole	17.606	167	1262128	38.886	ng/ul	98
78) Di-n-butylphthalate	18.164	149	1496065	38.167	ng/ul	98
80) Fluoranthene	19.263	202	1765851	35.928	ng/ul	96
82) Pyrene	19.627	202	1846242	35.307	ng/ul#	94
83) Butylbenzylphthalate	20.520	149	643905	40.114	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.354	252	445155	29.675	ng/ul	96
85) Benzo(a)anthracene	21.437	228	1749042	33.584	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.343	149	946675	40.542	ng/ul	98
87) Chrysene	21.496	228	1661858	33.481	ng/ul	97
89) Di-n-octyl phthalate	22.483	149	1648376	44.279	ng/ul	100
90) Benzo(b)fluoranthene	23.523	252	1735923	35.413	ng/ul	99
91) Benzo(k)fluoranthene	23.581	252	1710213	34.976	ng/ul	98
93) Benzo(a)pyrene	24.333	252	1594236	34.648	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.888	276	2004243	35.668	ng/ul	97
95) Dibenzo(a,h)anthracene	27.935	278	1609986	35.808	ng/ul	99
96) Benzo(g,h,i)perylene	28.957	276	1558858	34.961	ng/ul	99

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

Instrument :
BNA_G
ClientSampleId :
E2926MS

Manual IntegrationsAPPROVED

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