Quantitation Report (Qedit)

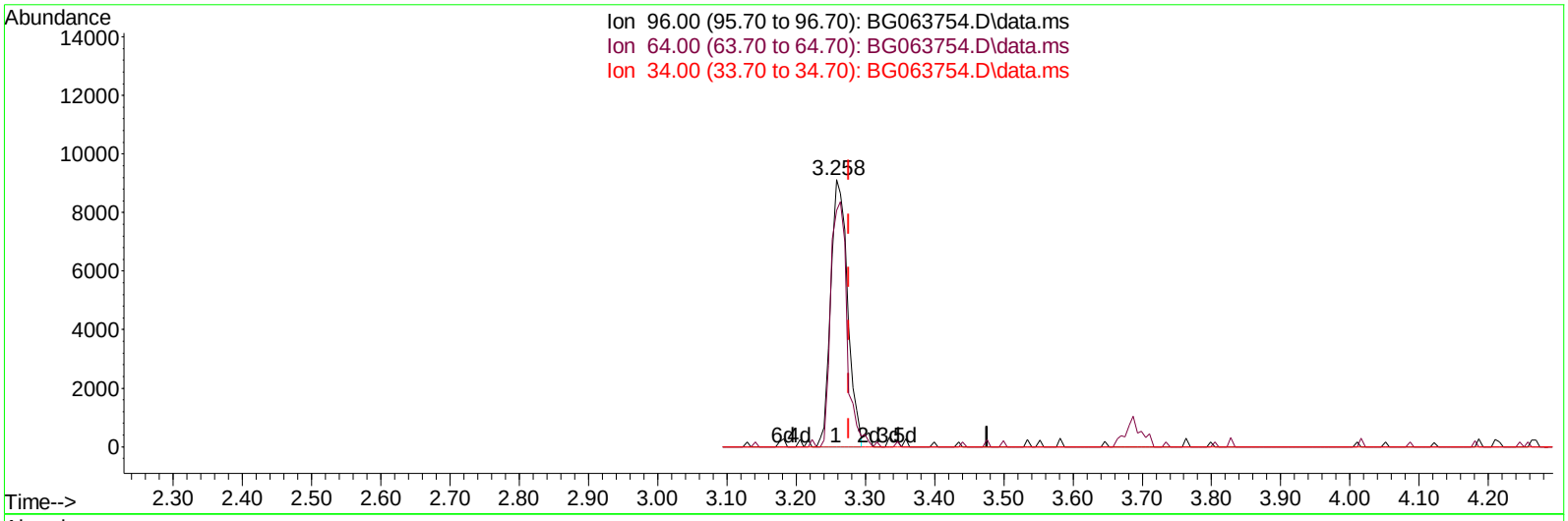
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
Data File : BG063754.D
Acq On : 19 Dec 2024 14:06
Operator : RC/JU
Sample : PB165676BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

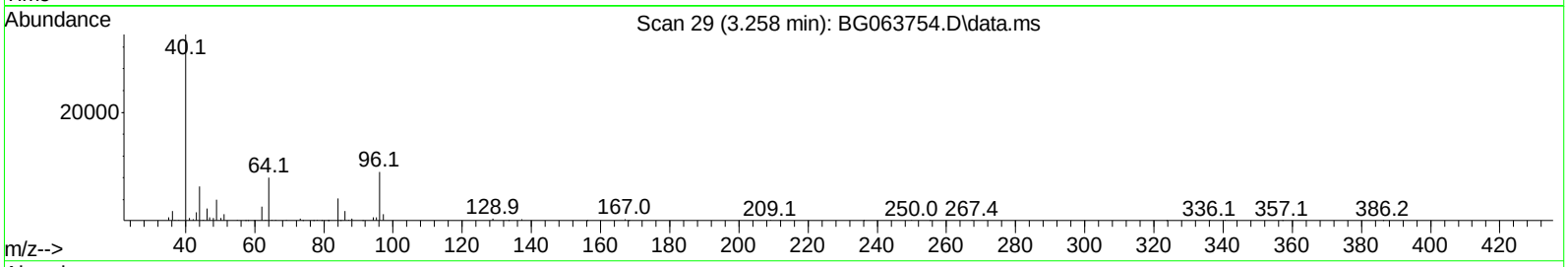
Quant Time: Dec 19 21:22:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

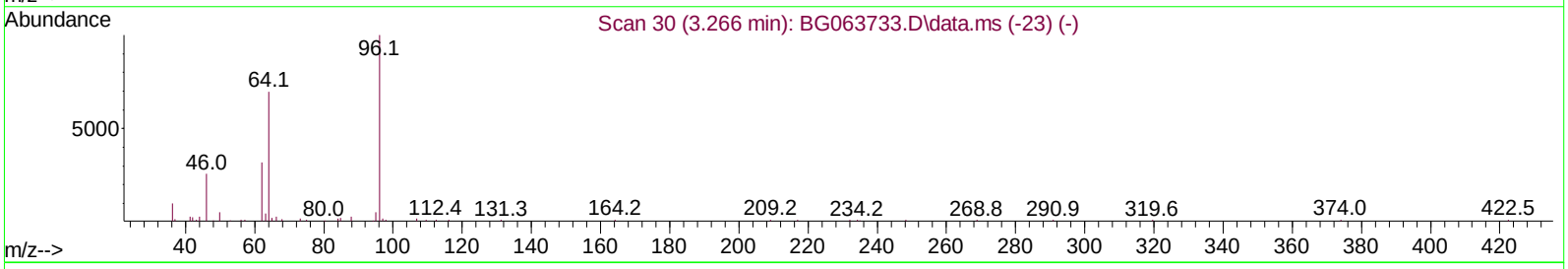
Instrument :
BNA_G
ClientSampleId :
SLCS676

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024







TIC: BG063754.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.258min (-0.018) 6.14 ng/uL

response 15404

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.80	88.43
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

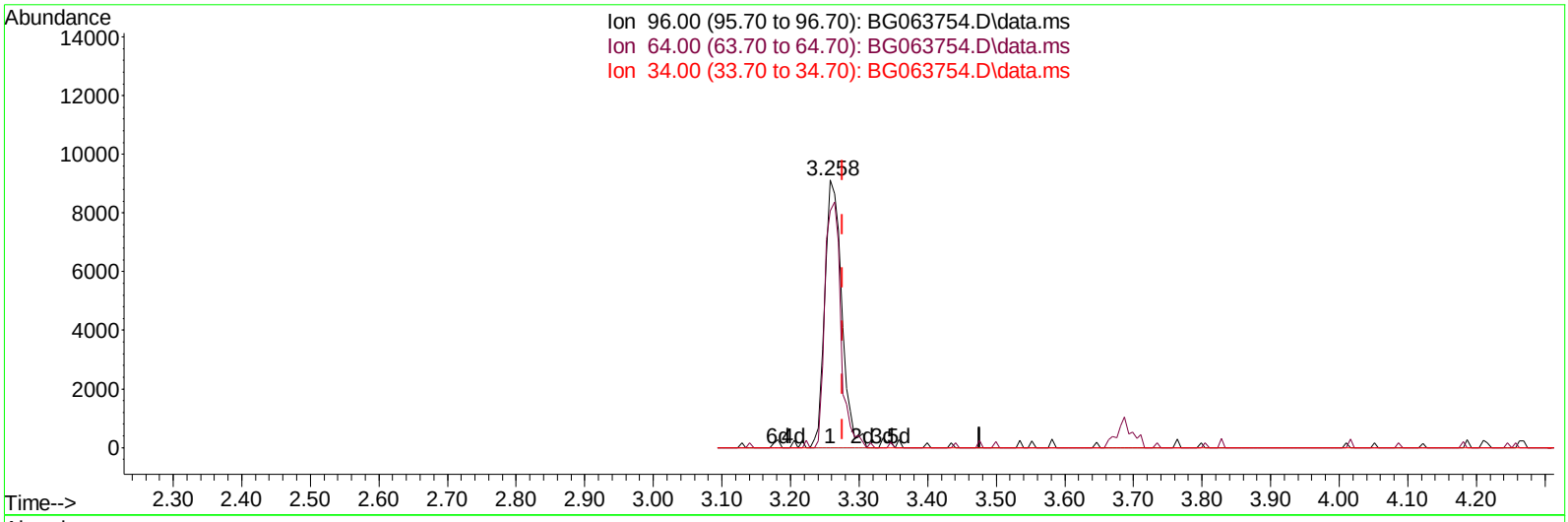
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
Data File : BG063754.D
Acq On : 19 Dec 2024 14:06
Operator : RC/JU
Sample : PB165676BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

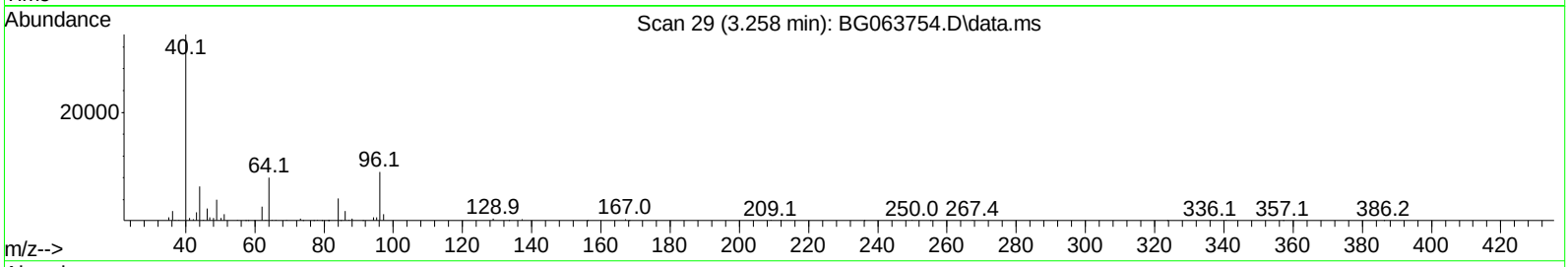
Quant Time: Dec 19 21:22:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

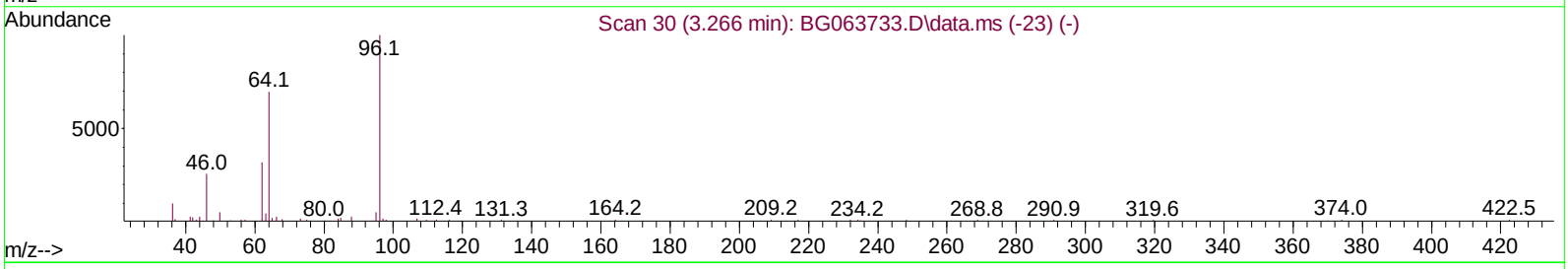
Instrument :
BNA_G
ClientSampleId :
SLCS676

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024







TIC: BG063754.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.258min (-0.018) 6.26 ng/uL m

response 15701

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.80	88.43
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

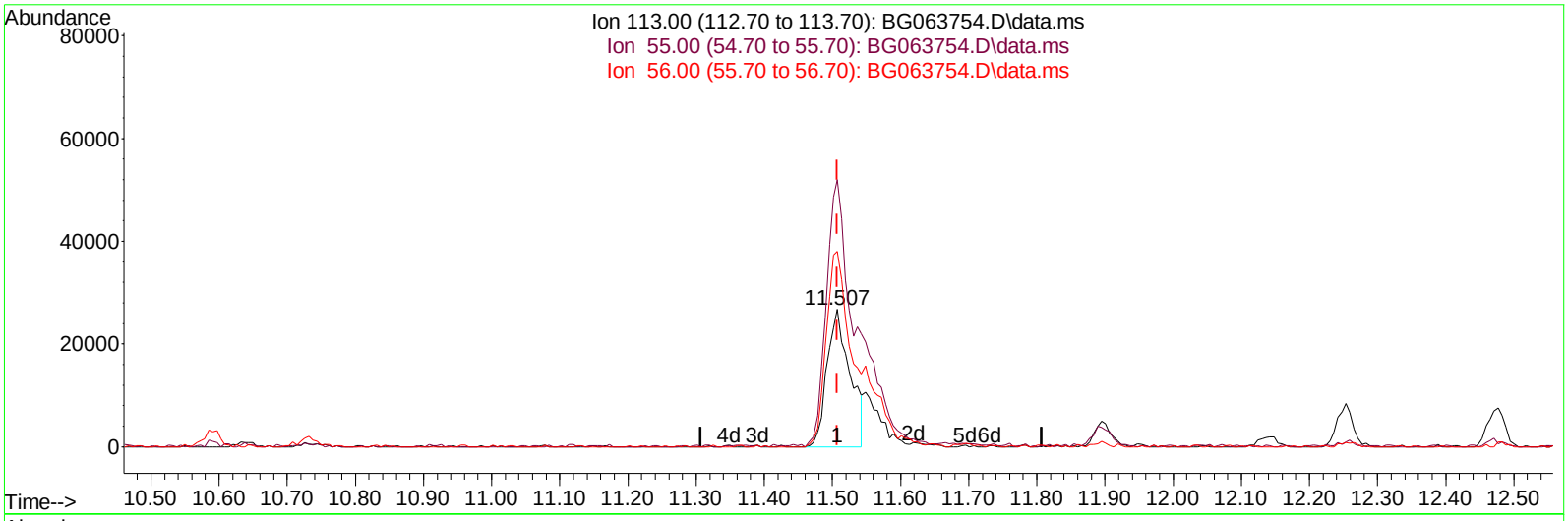
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
Data File : BG063754.D
Acq On : 19 Dec 2024 14:06
Operator : RC/JU
Sample : PB165676BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

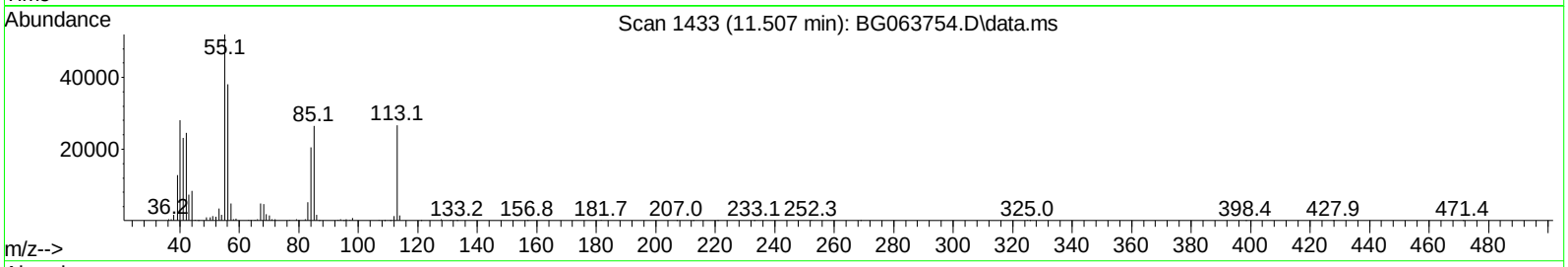
Quant Time: Dec 19 21:22:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

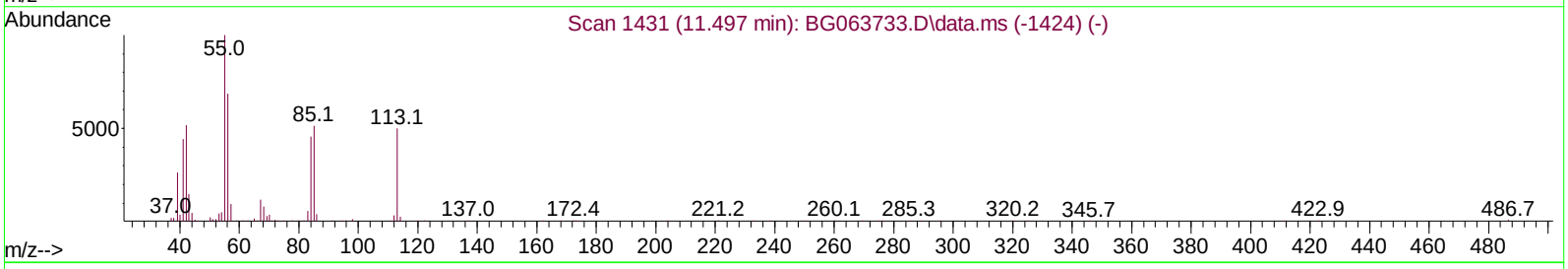
Instrument :
BNA_G
ClientSampleId :
SLCS676

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024







TIC: BG063754.D\data.ms

(34) Caprolactam

11.507min (-0.000) 30.63 ng/ul

response 63243

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	194.31
56.00	133.90	142.19
0.00	0.00	0.00

Quantitation Report (Qedit)

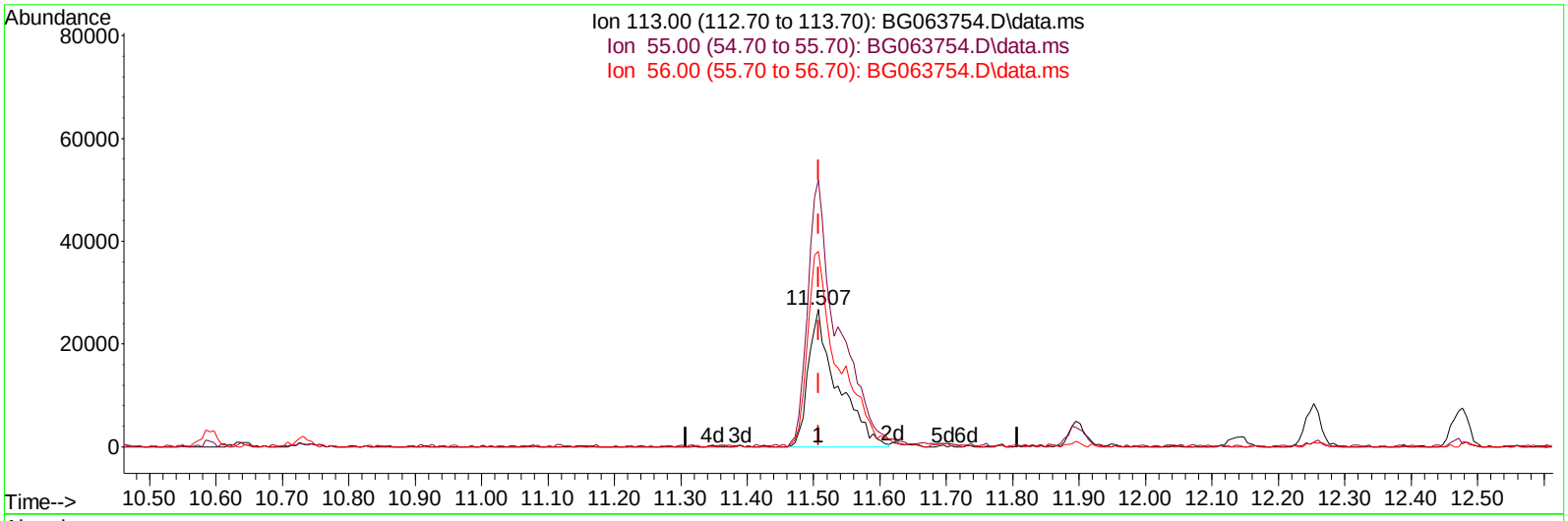
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
Data File : BG063754.D
Acq On : 19 Dec 2024 14:06
Operator : RC/JU
Sample : PB165676BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

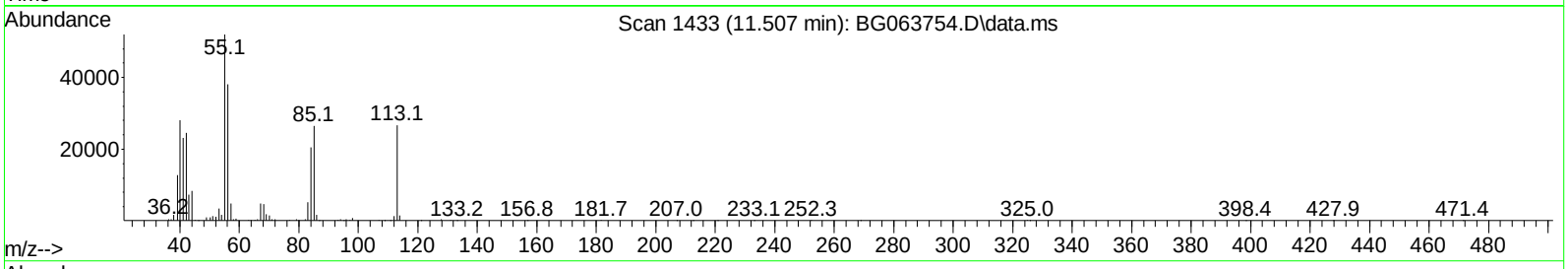
Quant Time: Dec 19 21:22:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

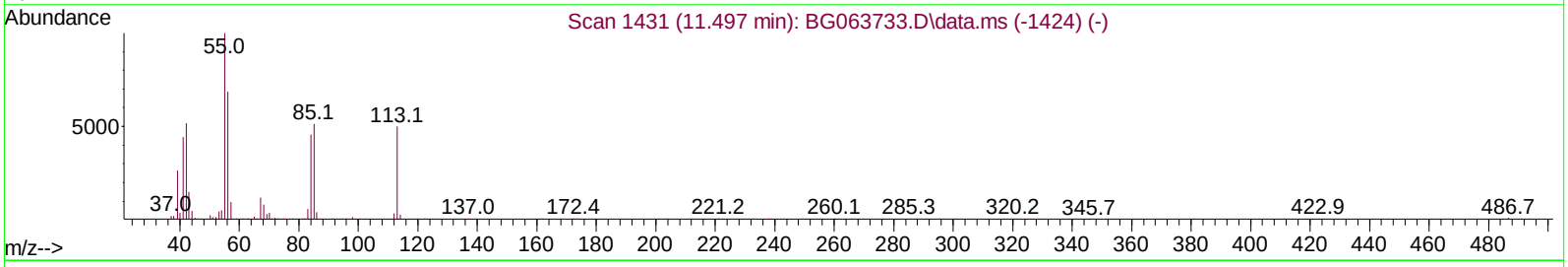
Instrument :
BNA_G
ClientSampleId :
SLCS676

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024







TIC: BG063754.D\data.ms

(34) Caprolactam

11.507min (-0.000) 39.47 ng/ul m

response 81494

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	194.31
56.00	133.90	142.19
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
Data File : BG063754.D
Acq On : 19 Dec 2024 14:06
Operator : RC/JU
Sample : PB165676BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Dec 19 21:23:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS676

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	98297	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.591	136	387922	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.439	164	300923	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.189	188	797365	20.000	ng/ul	-0.02
79) Chrysene-d12	21.443	240	893598	20.000	ng/ul	-0.02
88) Perylene-d12	24.451	264	945026	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	15701m	6.260	ng/uL	-0.02
4) Pyridine-d5	3.675	84	255134	32.243	ng/ul	-0.01
7) Phenol-d5	6.989	99	323112	35.691	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.136	67	195876	31.327	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.342	132	212192	36.204	ng/ul	0.00
15) 4-Methylphenol-d8	8.523	113	241450	34.352	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	102726	37.088	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.680	143	119764	38.574	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.227	165	233958	38.920	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	253316	33.189	ng/ul	-0.02
46) Dimethylphthalate-d6	13.846	166	720813	35.202	ng/ul	-0.01
49) Acenaphthylene-d8	14.134	160	817765	35.034	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.674	143	124710	42.985	ng/ul	0.00
60) Fluorene-d10	15.438	176	682322	37.688	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.573	200	150388	36.326	ng/ul	0.00
73) Anthracene-d10	17.289	188	1250911	36.489	ng/ul	-0.02
81) Pyrene-d10	19.592	212	1601343	34.437	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.245	264	1593409	35.905	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	34116	11.493	ng/uL#	94
5) Pyridine	3.693	79	269020	31.741	ng/ul	91
6) Benzaldehyde	6.942	77	26266	4.730	ng/ul	92
8) Phenol	7.019	94	343766	35.630	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.224	93	237989	32.239	ng/ul	99
12) 2-Chlorophenol	7.371	128	223054	37.597	ng/ul	96
13) 2-Methylphenol	8.258	108	238781	34.242	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.317	45	355205	32.412	ng/ul	97
16) Acetophenone	8.617	105	374765	31.436	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.605	70	215506	30.296	ng/ul#	88
18) 4-Methylphenol	8.587	108	272094	35.651	ng/ul	97
19) Hexachloroethane	8.869	117	89551	30.720	ng/ul	95
22) Nitrobenzene	8.999	77	316475	34.216	ng/ul	94
23) Isophorone	9.521	82	585090	33.480	ng/ul	98
25) 2-Nitrophenol	9.709	139	122960	38.535	ng/ul	88
26) 2,4-Dimethylphenol	9.780	107	267407	36.932	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.003	93	317325	33.571	ng/ul#	96
29) 2,4-Dichlorophenol	10.250	162	239189	40.046	ng/ul	92
30) Naphthalene	10.638	128	680699	35.097	ng/ul	98
32) 4-Chloroaniline	10.749	127	164597	22.666	ng/ul	98
33) Hexachlorobutadiene	10.926	225	154846	31.911	ng/ul	99
34) Caprolactam	11.507	113	81494m	39.470	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	259369	36.988	ng/ul	93

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
Data File : BG063754.D
Acq On : 19 Dec 2024 14:06
Operator : RC/JU
Sample : PB165676BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Dec 19 21:23:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS676

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.254	142	485896	34.858	ng/ul	98
37) 1-Methylnaphthalene	12.471	142	495697	34.912	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.630	216	304164	31.574	ng/ul	99
40) Hexachlorocyclopentadiene	12.606	237	62781	16.486	ng/ul	92
41) 2,4,6-Trichlorophenol	12.876	196	201011	36.919	ng/ul	86
42) 2,4,5-Trichlorophenol	12.959	196	222777	39.206	ng/ul	98
43) 1,1'-Biphenyl	13.270	154	670651	33.794	ng/ul	94
44) 2-Chloronaphthalene	13.311	162	544528	34.169	ng/ul	98
45) 2-Nitroaniline	13.523	65	206891	38.758	ng/ul	90
47) Dimethylphthalate	13.893	163	721056	35.136	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	148510	38.966	ng/ul#	86
50) Acenaphthylene	14.163	152	886654	35.426	ng/ul	98
51) 3-Nitroaniline	14.351	138	153624	43.596	ng/ul	91
52) Acenaphthene	14.504	153	626093	35.293	ng/ul	93
53) 2,4-Dinitrophenol	14.574	184	69237	35.547	ng/ul	94
55) 4-Nitrophenol	14.692	109	108615	36.054	ng/ul	89
56) Dibenzofuran	14.839	168	919010	36.746	ng/ul	93
57) 2,4-Dinitrotoluene	14.815	165	234293	41.371	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.080	232	200909	41.018	ng/ul	94
59) Diethylphthalate	15.262	149	753518	37.982	ng/ul	97
61) Fluorene	15.491	166	760504	38.081	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.485	204	396096	35.601	ng/ul	96
63) 4-Nitroaniline	15.520	138	187354	53.108	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.585	198	153241	35.930	ng/ul	94
67) N-Nitrosodiphenylamine	15.702	169	671765	34.791	ng/ul	99
68) 4-Bromophenyl-phenylether	16.378	248	276923	34.078	ng/ul	98
69) Hexachlorobenzene	16.502	284	308729	33.909	ng/ul	99
70) Atrazine	16.654	200	298648	36.590	ng/ul	99
71) Pentachlorophenol	16.854	266	144056	37.527	ng/ul	95
72) Phenanthrene	17.236	178	1443732	37.573	ng/ul	99
74) Anthracene	17.324	178	1470377	37.807	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.235	216	303246	28.504	ng/ul	98
76) Pentachlorobenzene	14.768	250	325918	30.924	ng/ul	97
77) Carbazole	17.600	167	1357346	43.116	ng/ul	98
78) Di-n-butylphthalate	18.158	149	1553312	40.856	ng/ul	98
80) Fluoranthene	19.257	202	1866401	35.313	ng/ul	98
82) Pyrene	19.621	202	1984675	35.295	ng/ul	96
83) Butylbenzylphthalate	20.514	149	709758	41.118	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.343	252	595587	36.921	ng/ul	94
85) Benzo(a)anthracene	21.419	228	1963720	35.065	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.331	149	1040002	41.419	ng/ul	98
87) Chrysene	21.484	228	1872072	35.073	ng/ul	97
89) Di-n-octyl phthalate	22.465	149	1788274	43.842	ng/ul	100
90) Benzo(b)fluoranthene	23.499	252	1911823	35.595	ng/ul	99
91) Benzo(k)fluoranthene	23.564	252	1984392	37.038	ng/ul	98
93) Benzo(a)pyrene	24.310	252	1815044	36.002	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.853	276	2284970	37.113	ng/ul	97
95) Dibenzo(a,h)anthracene	27.894	278	1871341	37.986	ng/ul	96
96) Benzo(g,h,i)perylene	28.911	276	1780558	36.445	ng/ul	97

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

Instrument :
BNA_G
ClientSampleId :
SLCS676

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
Data File : BG063754.D
Acq On : 19 Dec 2024 14:06
Operator : RC/JU
Sample : PB165676BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Dec 19 21:23:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS676

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024