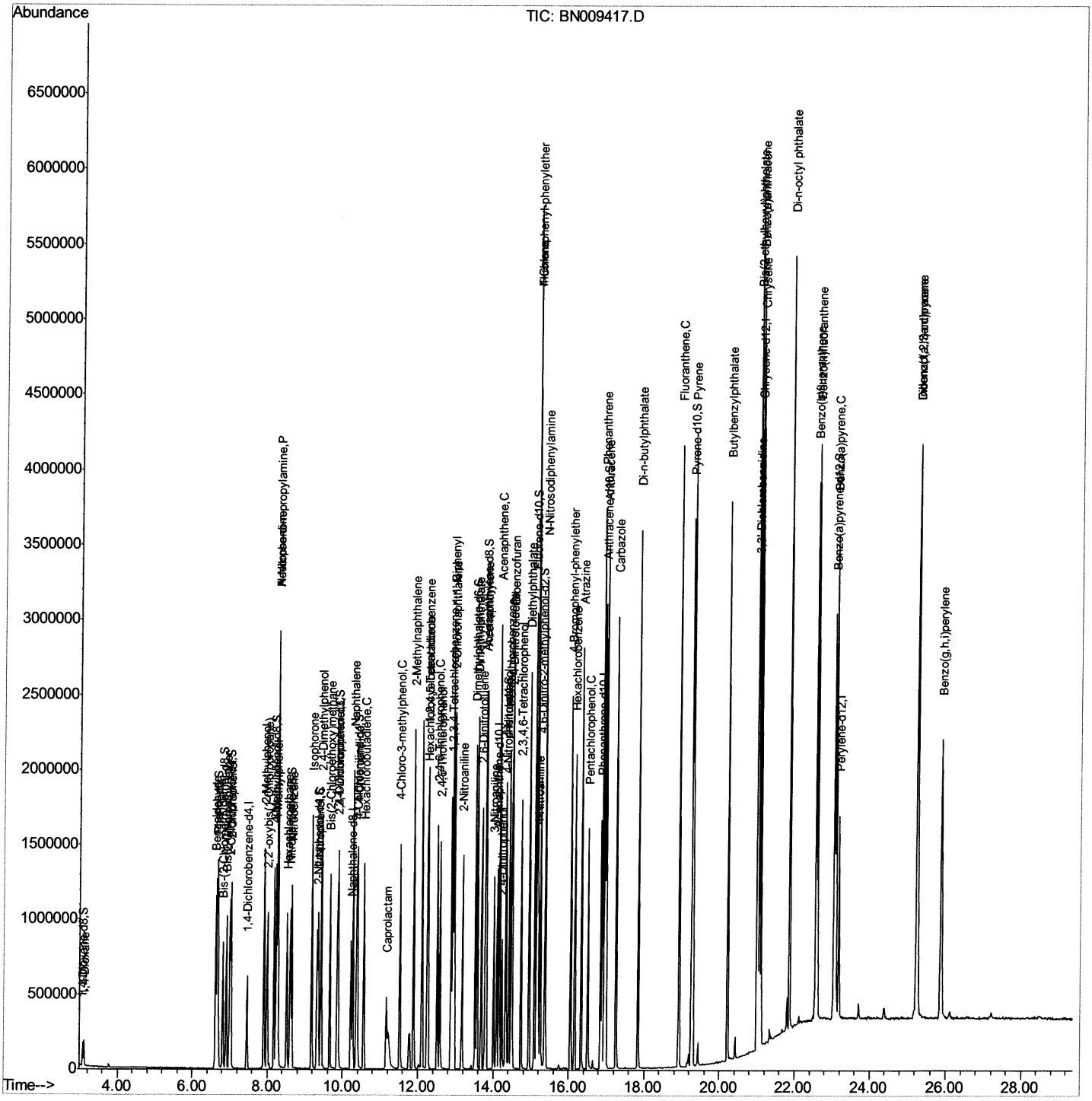
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012220\
Data File : BN009417.D
Acq On : 22 Jan 2020 11:31
Operator : CG/JU
Sample : SSTD04055
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 22 15:03:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 14:51:24 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD04055

Manual Integrations APPROVED
mohammad
1/23/2020 1:54:49 PM



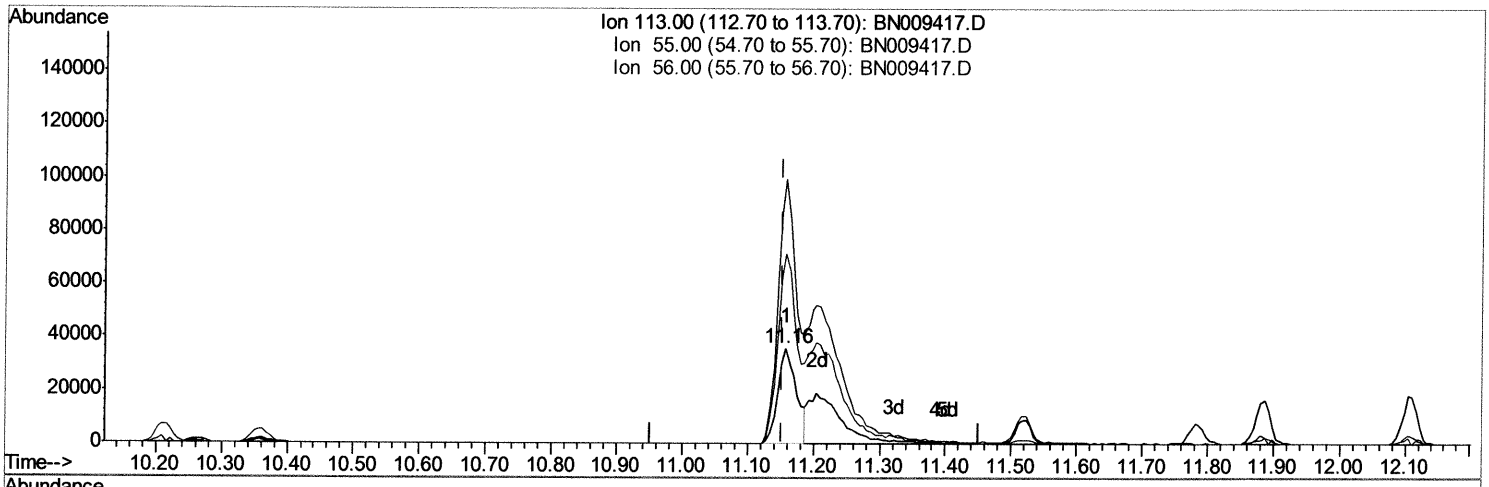
Quantitation Report (Qedit)

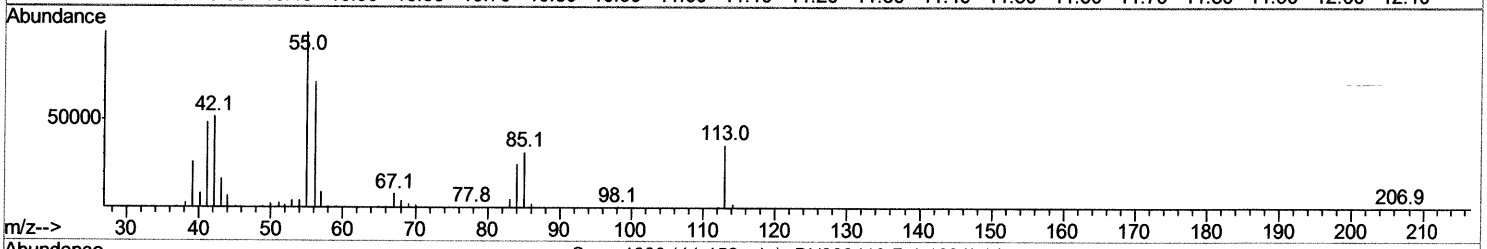
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012220\
Data File : BN009417.D
Acq On : 22 Jan 2020 11:31
Operator : CG/JU
Sample : SSTD04055
Misc :
ALS Vial : 5 Sample Multiplier: 1

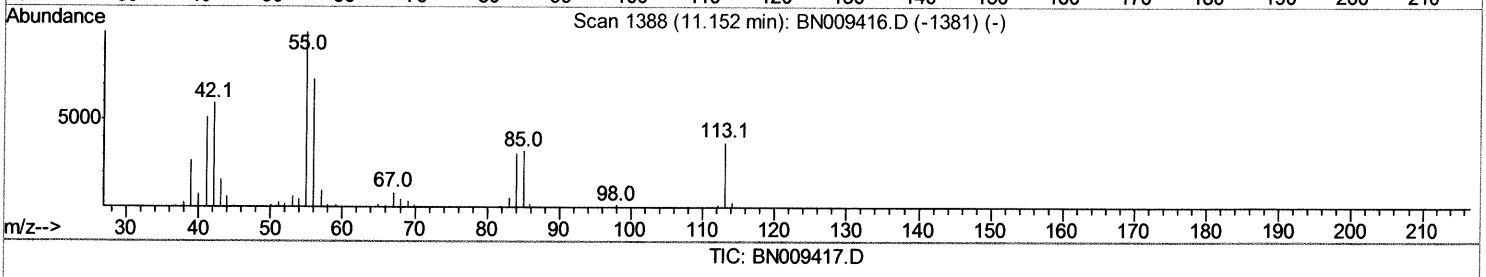
Quant Time: Jan 22 14:53:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 14:51:24 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD04055

Manual Integrations APPROVED
mohammad
1/23/2020 1:54:49 PM







TIC: BN009417.D

(32) Caprolactam

11.157min (+0.006) 22.26ng/ul

response 70417

Ion	Exp%	Act%
113.00	100	100
55.00	267.50	277.56
56.00	196.90	199.49
0.00	0.00	0.00

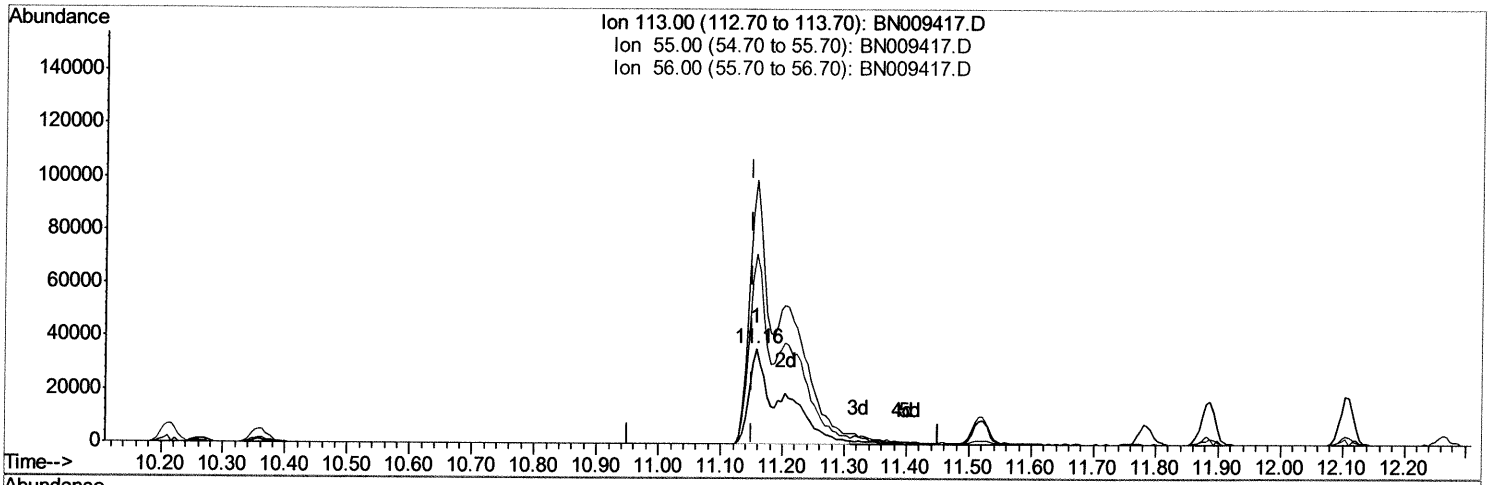
Quantitation Report (Qedit)

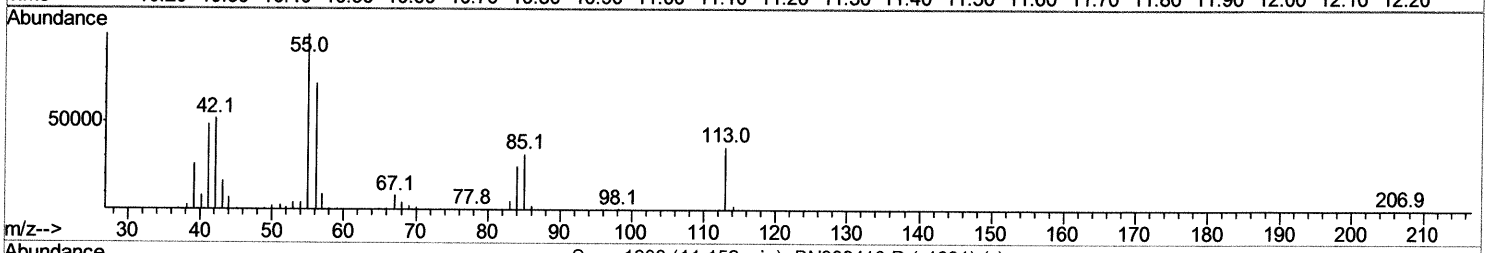
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012220\
Data File : BN009417.D
Acq On : 22 Jan 2020 11:31
Operator : CG/JU
Sample : SSTD04055
Misc :
ALS Vial : 5 Sample Multiplier: 1

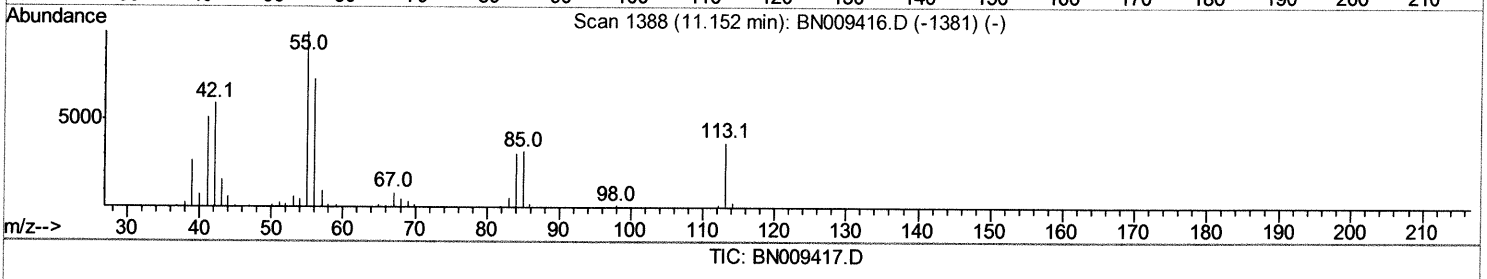
Quant Time: Jan 22 14:53:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 14:51:24 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD04055

Manual Integrations APPROVED
mohammad
1/23/2020 1:54:49 PM







TIC: BN009417.D

(32) Caprolactam

11.157min (+0.006) 42.26ng/ul m> SJ 1/24/20

response 133658

Ion	Exp%	Act%
113.00	100	100
55.00	267.50	277.56
56.00	196.90	199.49
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012220\
Data File : BN009417.D
Acq On : 22 Jan 2020 11:31
Operator : CG/JU
Sample : SSTD04055
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 22 15:03:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 14:51:24 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : SSTD04055

Manual Integrations APPROVED
mohammad
1/23/2020 1:54:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	142217	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	621175	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.10	164	400538	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	857795	20.00	ng/ul	0.00
77) Chrysene-d12	21.06	240	814685	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	828997	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	57691	16.78	ng/uL	0.00
5) Phenol-d5	6.66	99	523602	41.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	367612	41.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	392430	42.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	419115	41.75	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	197615	43.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	215128	45.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	405888	43.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	517820	45.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	1225416	41.34	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	1518295	43.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	230378	41.76	ng/ul	0.00
57) Fluorene-d10	15.10	176	1086622	41.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	215544	41.49	ng/ul	0.00
70) Anthracene-d10	16.95	188	1663179	41.91	ng/ul	0.00
78) Pyrene-d10	19.25	212	1765154	40.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.05	264	1787740	42.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	61667	16.112	ng/uL	96
4) Benzaldehyde	6.62	77	338817	49.369	ng/ul	94
6) Phenol	6.68	94	549184	41.566	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.90	93	432599	40.825	ng/ul	100
10) 2-Chlorophenol	7.03	128	401577	41.920	ng/ul	97
11) 2-Methylphenol	7.91	108	402557	41.258	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.99	45	1143633	41.077	ng/ul	99
14) Acetophenone	8.28	105	675155	41.632	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.27	70	378936	43.027	ng/ul	98
16) 4-Methylphenol	8.23	108	442527	41.415	ng/ul	99
17) Hexachloroethane	8.52	117	181096	40.808	ng/ul	96
20) Nitrobenzene	8.65	77	561630	42.265	ng/ul	100
21) Isophorone	9.17	82	1023484	43.426	ng/ul	99
23) 2-Nitrophenol	9.35	139	234898	45.007	ng/ul	97
24) 2,4-Dimethylphenol	9.42	107	512092	42.759	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.65	93	609768	42.253	ng/ul	98
27) 2,4-Dichlorophenol	9.88	162	399485	43.416	ng/ul	98
28) Naphthalene	10.26	128	1377554	41.210	ng/ul	99
30) 4-Chloroaniline	10.38	127	528774	46.244	ng/ul	99
31) Hexachlorobutadiene	10.56	225	262917	41.635	ng/ul	94
32) Caprolactam	11.16	113	133658m	42.257	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	486092	43.537	ng/ul	96
34) 2-Methylnaphthalene	11.89	142	975621	42.395	ng/ul	98

SJ 1/24/20

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012220\
Data File : BN009417.D
Acq On : 22 Jan 2020 11:31
Operator : CG/JU
Sample : SSTD04055
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 22 15:03:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 14:51:24 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : SSTD04055

Manual Integrations APPROVED
mohammad
1/23/2020 1:54:49 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.26	216	484715	41.867 ng/ul	98
37) Hexachlorocyclopentadiene	12.25	237	292853	41.522 ng/ul	95
38) 2,4,6-Trichlorophenol	12.52	196	312626	43.686 ng/ul	97
39) 2,4,5-Trichlorophenol	12.59	196	335325	42.591 ng/ul	97
40) 1,1'-Biphenyl	12.92	154	1274828	42.033 ng/ul	98
41) 2-Chloronaphthalene	12.96	162	1002893	41.879 ng/ul	97
42) 2-Nitroaniline	13.17	65	393042	44.947 ng/ul	99
44) Dimethylphthalate	13.57	163	1254734	41.114 ng/ul	100
45) 2,6-Dinitrotoluene	13.69	165	257312	44.314 ng/ul	95
47) Acenaphthylene	13.82	152	1619482	42.650 ng/ul	98
48) 3-Nitroaniline	14.02	138	245738	45.331 ng/ul	98
49) Acenaphthene	14.16	153	1075952	41.535 ng/ul	98
50) 2,4-Dinitrophenol	14.23	184	140311	41.623 ng/ul	90
52) 4-Nitrophenol	14.34	109	211542	41.426 ng/ul	99
53) Dibenzofuran	14.50	168	1481724	41.169 ng/ul	100
54) 2,4-Dinitrotoluene	14.48	165	383589	44.289 ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.73	232	294374	43.756 ng/ul#	94
56) Diethylphthalate	14.95	149	1307451	41.891 ng/ul	98
58) Fluorene	15.16	166	1252903	41.544 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.16	204	619750	41.688 ng/ul	97
60) 4-Nitroaniline	15.19	138	271868	44.183 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.25	198	229599	41.526 ng/ul	98
64) N-Nitrosodiphenylamine	15.37	169	1055823	41.570 ng/ul	96
65) 4-Bromophenyl-phenylether	16.05	248	356222	41.204 ng/ul	99
66) Hexachlorobenzene	16.16	284	396420	41.334 ng/ul	97
67) Atrazine	16.34	200	389199	41.882 ng/ul	99
68) Pentachlorophenol	16.51	266	235312	42.210 ng/ul	91
69) Phenanthrene	16.89	178	1979236	40.893 ng/ul	98
71) Anthracene	16.99	178	2023354	41.058 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.88	216	489841	41.696 ng/uL	95
73) Pentachlorobenzene	14.43	250	470556	41.203 ng/uL	97
74) Carbazole	17.26	167	1736952	41.171 ng/ul	99
75) Di-n-butylphthalate	17.85	149	2208261	42.844 ng/ul	99
76) Fluoranthene	18.92	202	2295980	41.381 ng/ul	99
79) Pyrene	19.28	202	2369376	40.167 ng/ul	98
80) Butylbenzylphthalate	20.22	149	994587	43.688 ng/ul	98
81) 3,3'-Dichlorobenzidine	20.99	252	748937	43.614 ng/ul	99
82) Benzo(a)anthracene	21.05	228	2216080	39.945 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.00	149	1522461	44.088 ng/ul	100
84) Chrysene	21.10	228	2159142	39.952 ng/ul	99
86) Di-n-octyl phthalate	21.86	149	2513043	42.380 ng/ul	100
87) Benzo(b)fluoranthene	22.55	252	2235311	42.645 ng/ul	97
88) Benzo(k)fluoranthene	22.60	252	2161969	41.947 ng/ul	100
90) Benzo(a)pyrene	23.09	252	2054558	43.668 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.25	276	2440199	42.796 ng/ul	98
92) Dibenzo(a,h)anthracene	25.26	278	2038833	42.382 ng/ul	96
93) Benzo(g,h,i)perylene	25.88	276	1983462	41.821 ng/ul	99

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