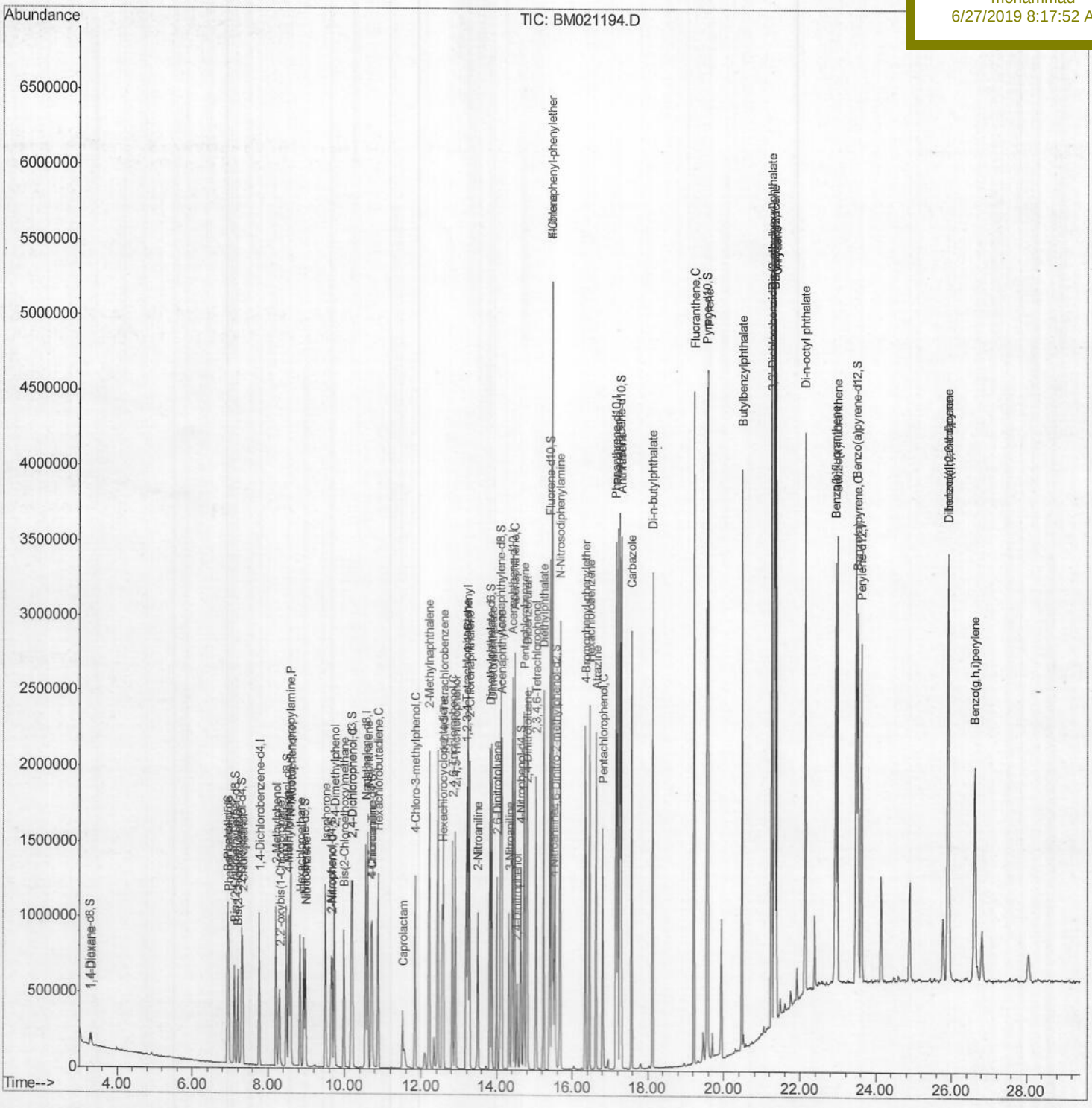
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062519\
Data File : BM021194.D
Acq On : 26 Jun 2019 16:28
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jun 26 17:02:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02045

Manual Integrations APPROVED
mohammad
6/27/2019 8:17:52 AM



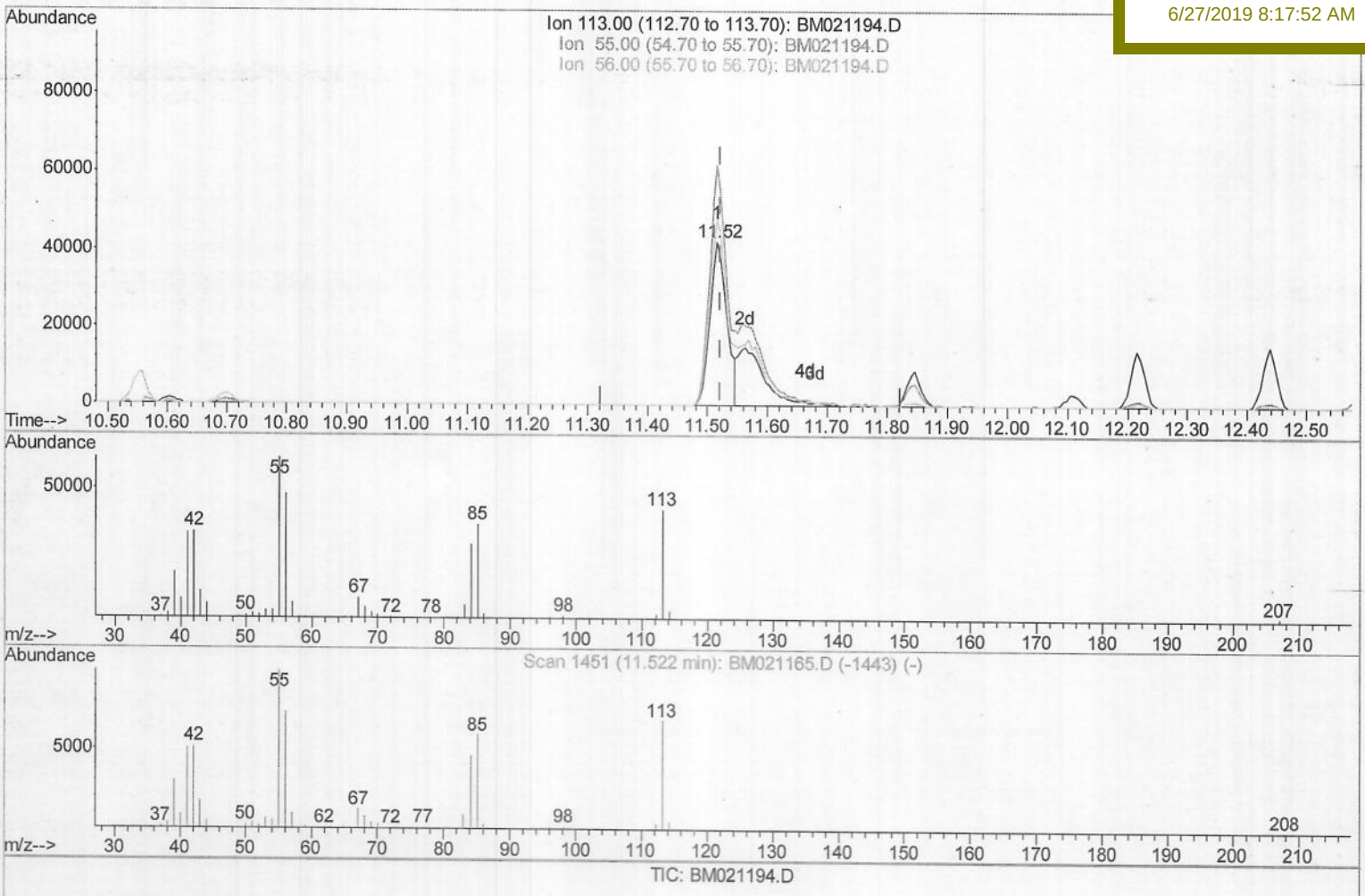
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062519\
Data File : BM021194.D
Acq On : 26 Jun 2019 16:28
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jun 26 17:01:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02045

Manual Integrations APPROVED
mohammad
6/27/2019 8:17:52 AM



TIC: BM021194.D

(32) Caprolactam

11.516min (-0.006) 13.57ng/ul

response 81650

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	146.56
56.00	113.80	113.75
0.00	0.00	0.00

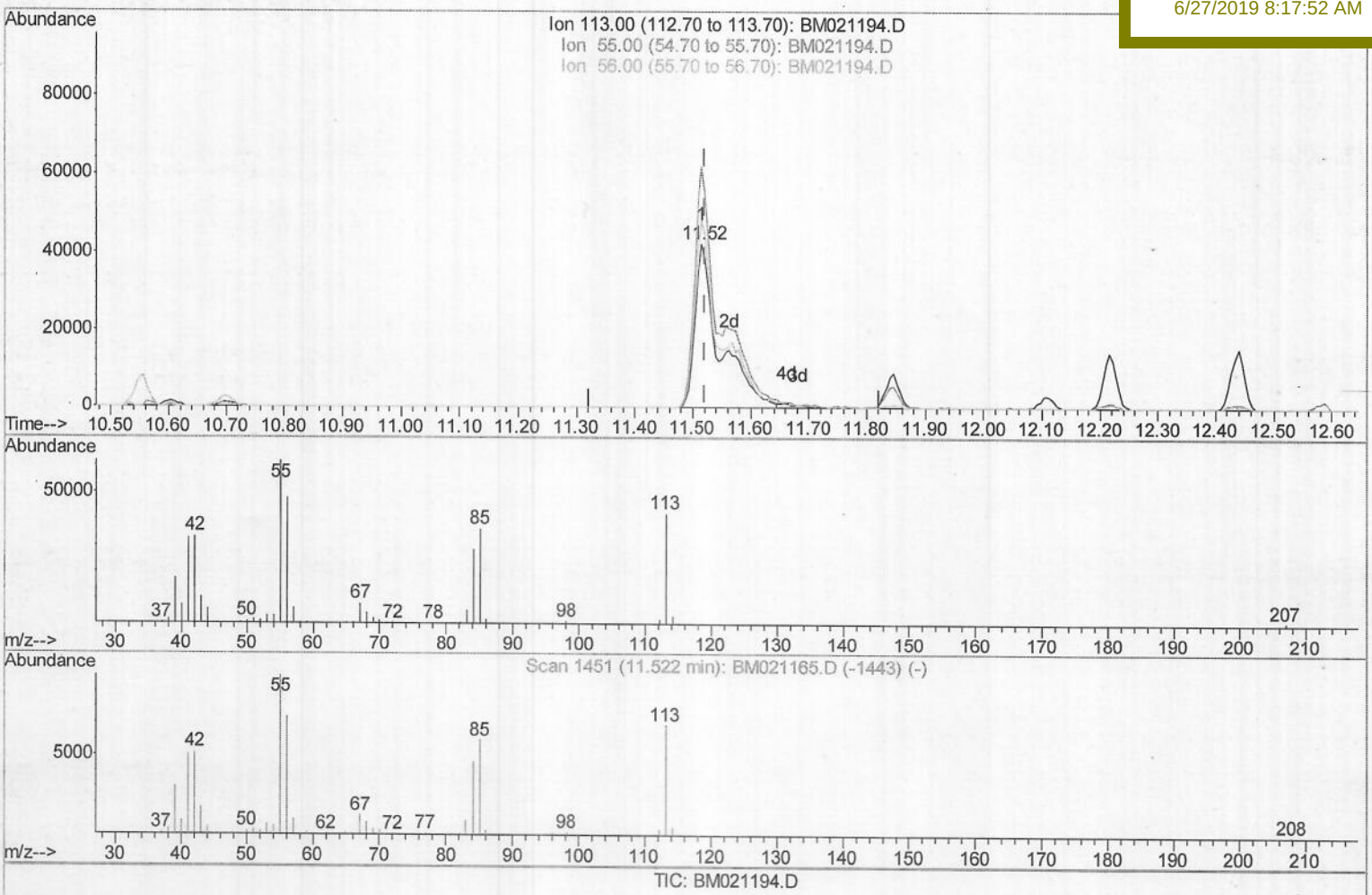
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062519\
Data File : BM021194.D
Acq On : 26 Jun 2019 16:28
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jun 26 17:01:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02045

Manual Integrations APPROVED
mohammad
6/27/2019 8:17:52 AM



TIC: BM021194.D

(32) Caprolactam

11.516min (-0.006) 20.91ng/ul m> JU 06/27/19

response 125774

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	146.56
56.00	113.80	113.75
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062519\
Data File : BM021194.D
Acq On : 26 Jun 2019 16:28
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jun 26 17:02:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02045

Manual Integrations APPROVED
mohammad
6/27/2019 8:17:52 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	291611	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1282292	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	848941	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	2057610	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1834038	20.00	ng/ul	0.00
85) Perylene-d12	23.62	264	1657770	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	39148	6.37	ng/uL	0.00
5) Phenol-d5	6.93	99	487480	19.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	285731	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	403695	19.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	412947	19.49	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	208990	20.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	240035	20.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	489732	20.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	464664	18.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1494041	19.48	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1869392	19.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	243774	19.54	ng/ul	0.00
57) Fluorene-d10	15.40	176	1327243	19.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	240939	19.05	ng/ul	0.00
70) Anthracene-d10	17.26	188	2100051	19.64	ng/ul	0.00
78) Pyrene-d10	19.55	212	2276036	20.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1934069	19.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	40285	6.483	ng/uL	95
4) Benzaldehyde	6.92	77	162251	14.022	ng/ul	98
6) Phenol	6.96	94	455628	18.978	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	349016	19.048	ng/ul	99
10) 2-Chlorophenol	7.33	128	376485	19.371	ng/ul	99
11) 2-Methylphenol	8.21	108	361345	19.452	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.30	45	437983	18.719	ng/ul	99
14) Acetophenone	8.59	105	595432	19.527	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.57	70	309557	19.505	ng/ul	96
16) 4-Methylphenol	8.53	108	392138	19.399	ng/ul	100
17) Hexachloroethane	8.83	117	154291	19.045	ng/ul	92
20) Nitrobenzene	8.97	77	448686	19.182	ng/ul	99
21) Isophorone	9.49	82	868850	19.724	ng/ul	99
23) 2-Nitrophenol	9.67	139	233228	20.068	ng/ul	99
24) 2,4-Dimethylphenol	9.73	107	463383	19.517	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.97	93	516435	19.024	ng/ul	99
27) 2,4-Dichlorophenol	10.20	162	440809	20.603	ng/ul	97
28) Naphthalene	10.60	128	1283264	19.492	ng/ul	99
30) 4-Chloroaniline	10.72	127	435043	18.870	ng/ul	99
31) Hexachlorobutadiene	10.87	225	291146	19.972	ng/ul	98
32) Caprolactam	11.52	113	125774m	20.911	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	447080	20.496	ng/ul	94
34) 2-Methylnaphthalene	12.22	142	998321	19.776	ng/ul	100

JU 06/27/19

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062519\
Data File : BM021194.D
Acq On : 26 Jun 2019 16:28
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jun 26 17:02:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02045

Manual Integrations APPROVED
mohammad
6/27/2019 8:17:52 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	593669	19.589	ng/ul	97
37) Hexachlorocyclopentadiene	12.56	237	330829	18.349	ng/ul	98
38) 2,4,6-Trichlorophenol	12.83	196	388478	20.627	ng/ul	98
39) 2,4,5-Trichlorophenol	12.90	196	418929	20.824	ng/ul	98
40) 1,1'-Biphenyl	13.23	154	1335377	19.068	ng/ul	99
41) 2-Chloronaphthalene	13.28	162	1071112	19.359	ng/ul	100
42) 2-Nitroaniline	13.50	65	272347	20.254	ng/ul	97
44) Dimethylphthalate	13.87	163	1357575	19.442	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	281128	21.094	ng/ul	94
47) Acenaphthylene	14.13	152	1585404	19.720	ng/ul	98
48) 3-Nitroaniline	14.33	138	251478	21.555	ng/ul	99
49) Acenaphthene	14.47	153	1139389	19.332	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	133763	19.979	ng/ul	93
52) 4-Nitrophenol	14.63	109	172873	18.731	ng/ul	99
53) Dibenzofuran	14.81	168	1657678	19.753	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	415564	21.487	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	15.03	232	382654	21.812	ng/ul	100
56) Diethylphthalate	15.23	149	1346019	19.979	ng/ul	100
58) Fluorene	15.46	166	1367992	20.064	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	736287	19.806	ng/ul	98
60) 4-Nitroaniline	15.49	138	251416	20.274	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.55	198	232869	18.340	ng/ul	100
64) N-Nitrosodiphenylamine	15.67	169	1175472	18.863	ng/ul	100
65) 4-Bromophenyl-phenylether	16.35	248	487238	19.310	ng/ul	97
66) Hexachlorobenzene	16.46	284	567362	19.619	ng/ul	98
67) Atrazine	16.63	200	440353	19.478	ng/ul	98
68) Pentachlorophenol	16.80	266	315242	21.740	ng/ul	98
69) Phenanthrene	17.20	178	2204418	19.372	ng/ul	99
71) Anthracene	17.29	178	2268373	19.561	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	595407	18.395	ng/uL	100
73) Pentachlorobenzene	14.72	250	628516	18.870	ng/uL	99
74) Carbazole	17.56	167	1916755	20.055	ng/ul	99
75) Di-n-butylphthalate	18.12	149	2376466	20.711	ng/ul	100
76) Fluoranthene	19.22	202	2655187	21.594	ng/ul	100
79) Pyrene	19.58	202	2663694	20.544	ng/ul	99
80) Butylbenzylphthalate	20.48	149	1095927	22.834	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.27	252	755000	18.367	ng/ul	99
82) Benzo(a)anthracene	21.33	228	2429652	19.431	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.25	149	1579570	23.115	ng/ul	99
84) Chrysene	21.38	228	2236733	19.100	ng/ul	99
86) Di-n-octyl phthalate	22.14	149	2494124	26.110	ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	2076120	19.770	ng/ul	99
88) Benzo(k)fluoranthene	22.98	252	2062967	20.420	ng/ul	99
90) Benzo(a)pyrene	23.52	252	1923304	19.459	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.91	276	2239076	19.238	ng/ul	99
92) Dibenzo(a,h)anthracene	25.93	278	1881227	19.214	ng/ul	99
93) Benzo(g,h,i)perylene	26.61	276	1836354	19.157	ng/ul	98

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