Quantitation Report (QT Reviewed)

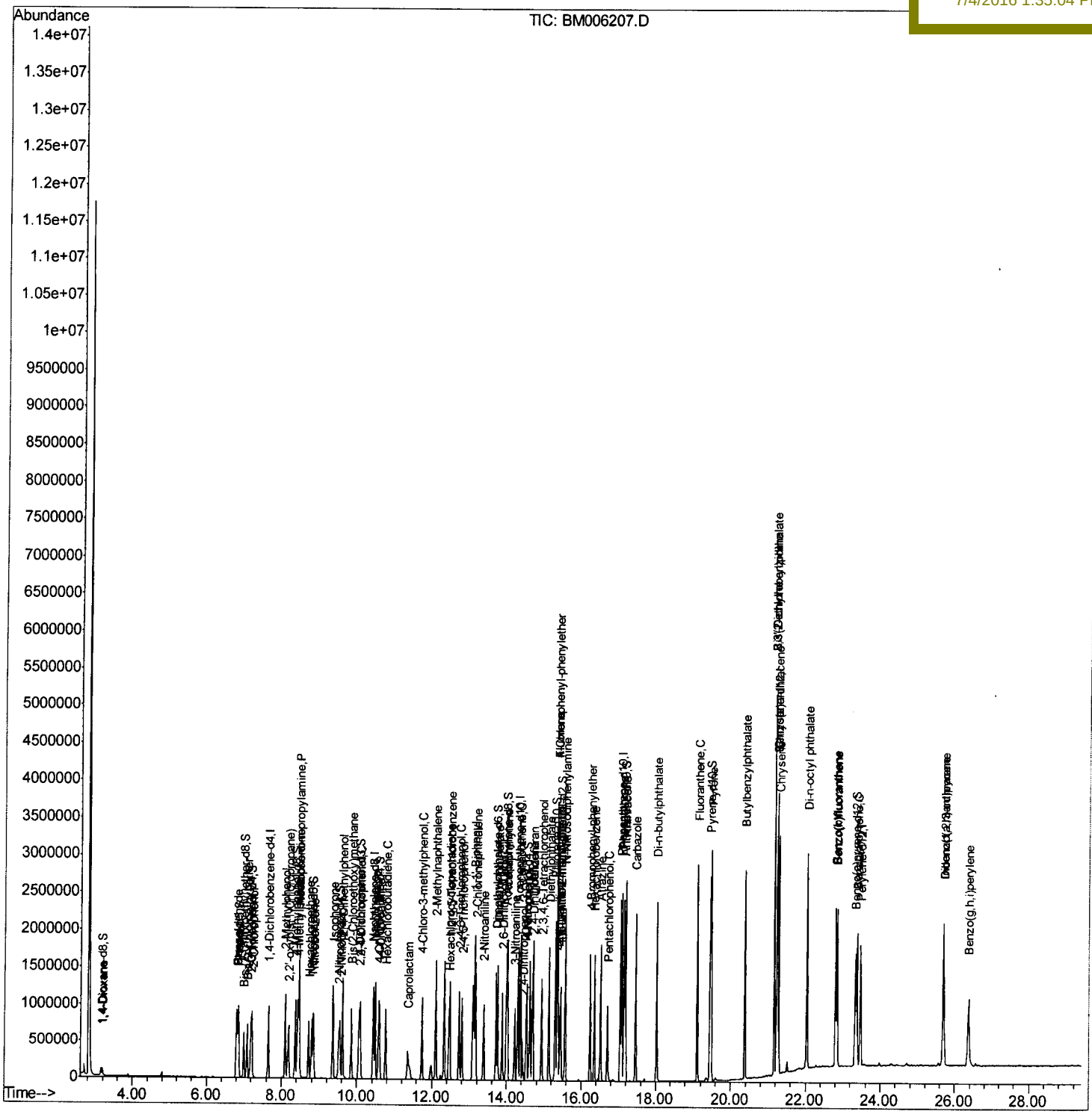
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006207.D
Acq On : 02 Jul 2016 19:55
Operator : UM/SJ
Sample : SSTCCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 00:57:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 03 00:14:45 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02066

Manual Integratio

APPROVED
sohil
7/4/2016 1:35:04 PM



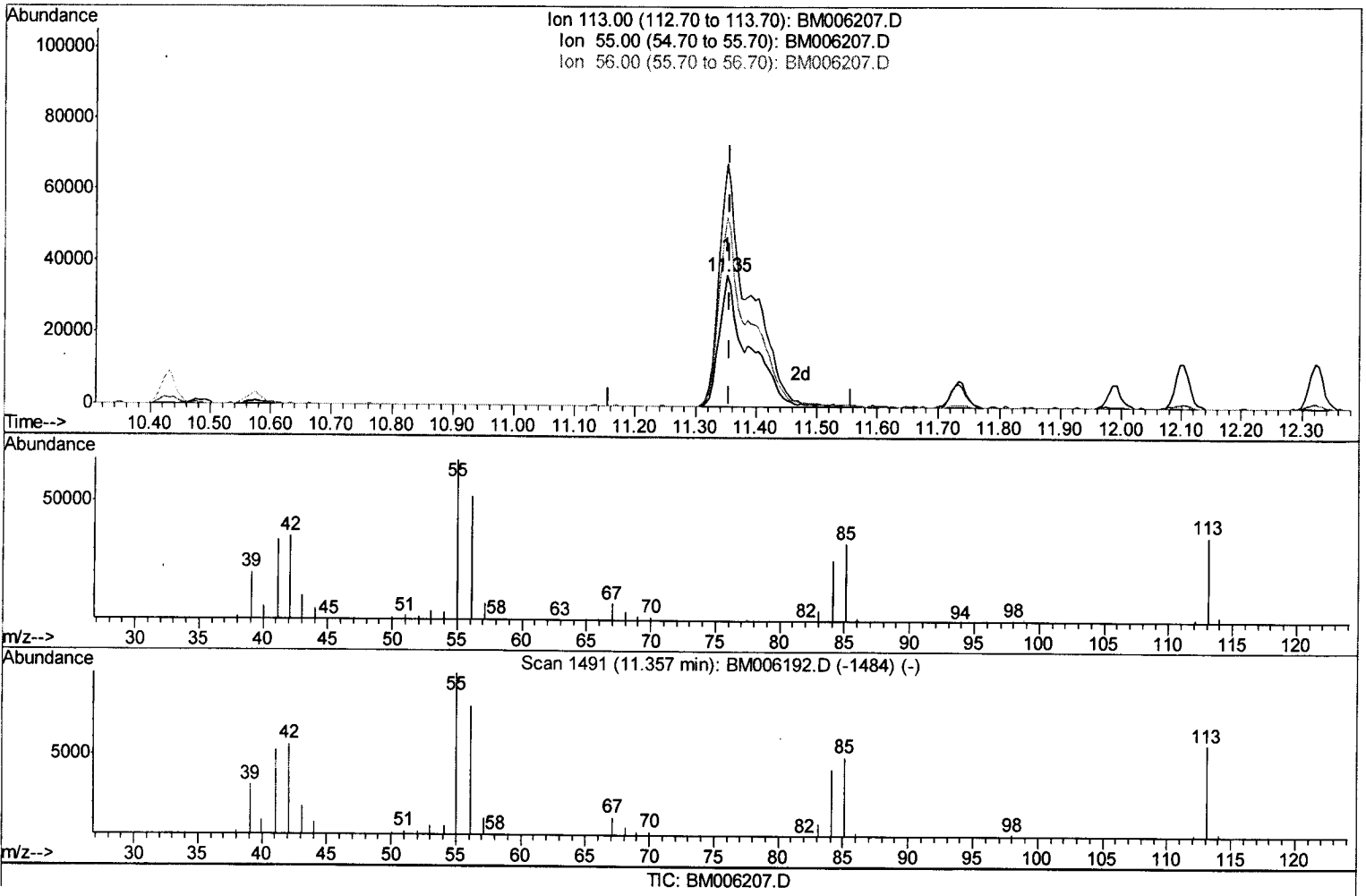
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006207.D
Acq On : 02 Jul 2016 19:55
Operator : UM/SJ
Sample : SSTCCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 00:16:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 03 00:14:45 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02066

Manual Integratio
APPROVED
sohil
7/4/2016 1:35:04 PM



TIC: BM006207.D

(32) Caprolactam

11.351min (-0.006) 18.87ng/ul m U.M 07/05/16

response 123442

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	185.24
56.00	150.60	143.82
0.00	0.00	0.00

Quantitation Report (Qedit)

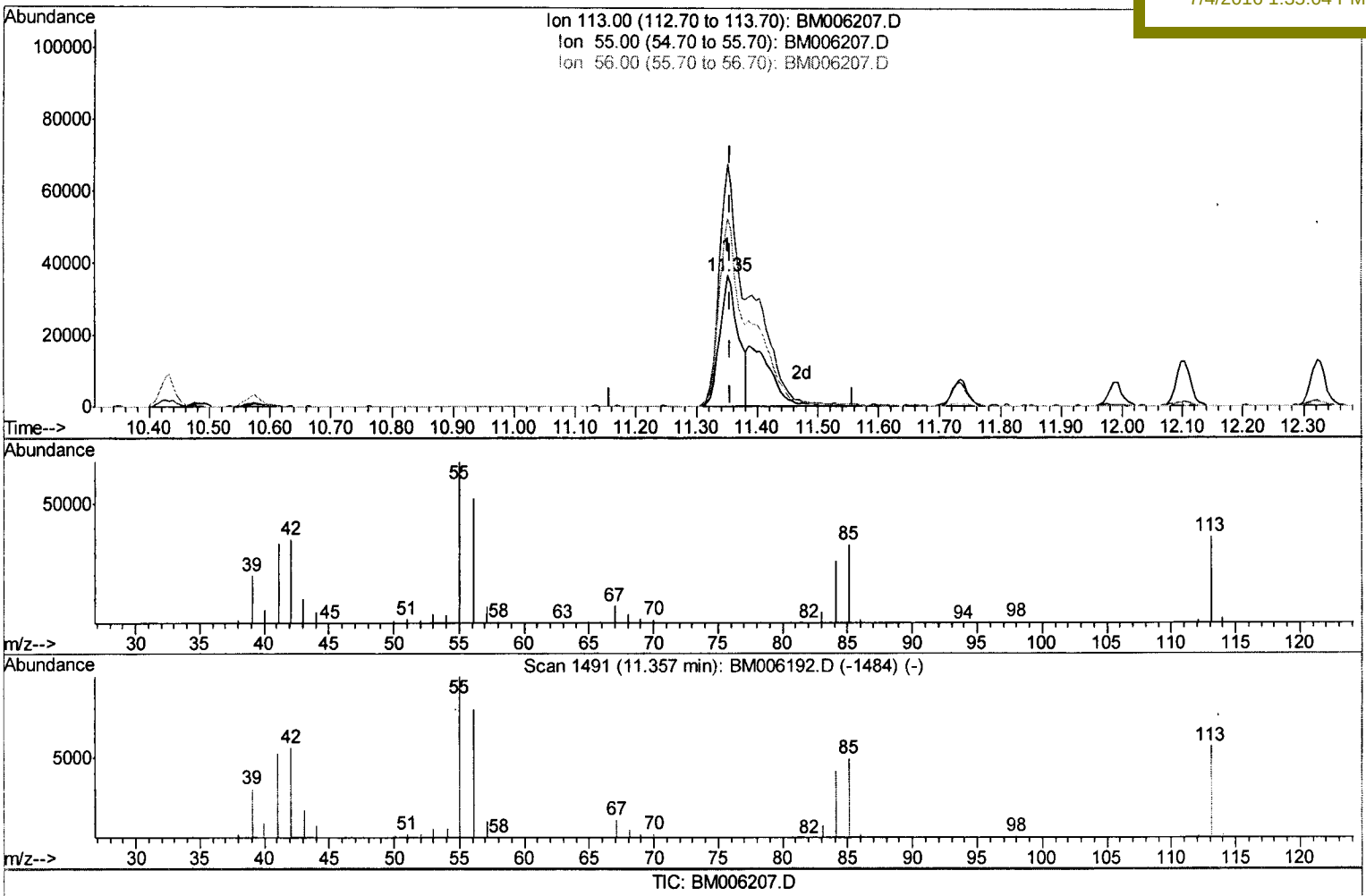
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006207.D
Acq On : 02 Jul 2016 19:55
Operator : UM/SJ
Sample : SSTCCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 00:16:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 03 00:14:45 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02066

Manual Integratio

APPROVE
sohil
7/4/2016 1:35:04 PM



TIC: BM006207.D

(32) Caprolactam

11.351min (-0.006) 11.89ng/ul

response 77770

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	185.24
56.00	150.60	143.82
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006207.D
Acq On : 02 Jul 2016 19:55
Operator : UM/SJ
Sample : SSTCCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 00:57:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 03 00:14:45 2016
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02066

Manual Integratio
APPROVED
sohil
7/4/2016 1:35:04 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	252087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1019877	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	612833	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1400673	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	1382739	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	1196466	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	45844	7.78	ng/uL	0.00
5) Phenol-d5	6.83	99	470905	19.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	289079	20.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	352241	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	385121	20.16	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	181786	22.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	204107	22.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	339878	20.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	416223	24.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	1007542	19.70	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1258011	19.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	188460	19.44	ng/ul	0.00
57) Fluorene-d10	15.30	176	860359	19.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	168360	20.51	ng/ul	0.00
70) Anthracene-d10	17.15	188	1330032	19.90	ng/ul	0.00
76) Pyrene-d10	19.45	212	1434702	21.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	1135861	20.43	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	48881	7.58	ng/uL#	28
4) Benzaldehyde	6.80	77	312260	22.87	ng/ul	95
6) Phenol	6.86	94	493639	20.12	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.08	93	377823	20.85	ng/ul	99
10) 2-Chlorophenol	7.22	128	364051	19.47	ng/ul	99
11) 2-Methylphenol	8.09	108	380508	20.25	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	558011	20.62	ng/ul	99
14) Acetophenone	8.47	105	612307	21.03	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	337618	20.30	ng/ul	98
16) 4-Methylphenol	8.42	108	416417	20.42	ng/ul	97
17) Hexachloroethane	8.72	117	150854	19.70	ng/ul	97
20) Nitrobenzene	8.85	77	470884	22.28	ng/ul	99
21) Isophorone	9.36	82	921274	22.87	ng/ul	99
23) 2-Nitrophenol	9.55	139	225612	22.74	ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	470734	22.44	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	557452	23.16	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	327644	19.84	ng/ul	99
28) Naphthalene	10.48	128	1026991	19.57	ng/ul	99
30) 4-Chloroaniline	10.60	127	431486	23.94	ng/ul	98
31) Hexachlorobutadiene	10.76	225	203626	19.73	ng/ul	99
32) Caprolactam	11.35	113	123442m	18.87	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	388810	19.29	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	783307	19.67	ng/ul	100

U.M 07/05/16

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006207.D
Acq On : 02 Jul 2016 19:55
Operator : UM/SJ
Sample : SSTCCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 00:57:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 03 00:14:45 2016
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02066

Manual Integratio

APPROVE

sohil
7/4/2016 1:35:04 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	405839	19.92	ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	207965	17.95	ng/ul	98
38) 2,4,6-Trichlorophenol	12.72	196	281322	19.54	ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	294203	19.57	ng/ul	97
40) 1,1'-Biphenyl	13.13	154	1015855	20.10	ng/ul	100
41) 2-Chloronaphthalene	13.17	162	789864	20.05	ng/ul	99
42) 2-Nitroaniline	13.38	65	288088	19.17	ng/ul	96
44) Dimethylphthalate	13.76	163	998943	19.43	ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	217124	19.49	ng/ul	99
47) Acenaphthylene	14.02	152	1321962	19.89	ng/ul	99
48) 3-Nitroaniline	14.22	138	224135	22.02	ng/ul	99
49) Acenaphthene	14.37	153	830062	19.66	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	112289	18.10	ng/ul	97
52) 4-Nitrophenol	14.53	109	183315	18.81	ng/ul	97
53) Dibenzofuran	14.70	168	1203912	19.98	ng/ul	99
54) 2,4-Dinitrotoluene	14.68	165	309822	19.68	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.93	232	264357	19.50	ng/ul	97
56) Diethylphthalate	15.13	149	1042669	19.43	ng/ul	100
58) Fluorene	15.36	166	954856	19.76	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	467418	19.70	ng/ul	99
60) 4-Nitroaniline	15.38	138	254703	21.22	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.45	198	177640	20.15	ng/ul	94
64) N-Nitrosodiphenylamine	15.57	169	867507	20.50	ng/ul	99
65) 4-Bromophenyl-phenylether	16.24	248	320373	20.43	ng/ul	98
66) Hexachlorobenzene	16.36	284	346511	20.01	ng/ul	100
67) Atrazine	16.52	200	329242	21.06	ng/ul	99
68) Pentachlorophenol	16.71	266	184036	20.00	ng/ul	97
69) Phenanthrene	17.09	178	1555408	19.91	ng/ul	99
71) Anthracene	17.19	178	1609077	19.94	ng/ul	99
72) Carbazole	17.46	167	1422652	21.03	ng/ul	99
73) Di-n-butylphthalate	18.02	149	1834519	19.74	ng/ul	100
74) Fluoranthene	19.12	202	1829797	21.04	ng/ul	100
77) Pyrene	19.48	202	1878343	21.66	ng/ul	99
78) Butylbenzylphthalate	20.39	149	833618	21.04	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.17	252	556967	21.79	ng/ul	97
80) Benzo(a)anthracene	21.23	228	1697479	20.01	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.17	149	1105744	20.81	ng/ul	99
82) Chrysene	21.29	228	1548658	20.00	ng/ul	99
84) Di-n-octyl phthalate	22.04	149	1879188	26.44	ng/ul	98
85) Benzo(b)fluoranthene	22.80	252	1582016	22.33	ng/ul	99
86) Benzo(k)fluoranthene	22.84	252	1394105	21.15	ng/ul	99
88) Benzo(a)pyrene	23.37	252	1398280	20.39	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.69	276	1388718	17.70	ng/ul	99
90) Dibenzo(a,h)anthracene	25.70	278	1162414	17.97	ng/ul	99
91) Benzo(g,h,i)perylene	26.37	276	1179648	17.44	ng/ul	99

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