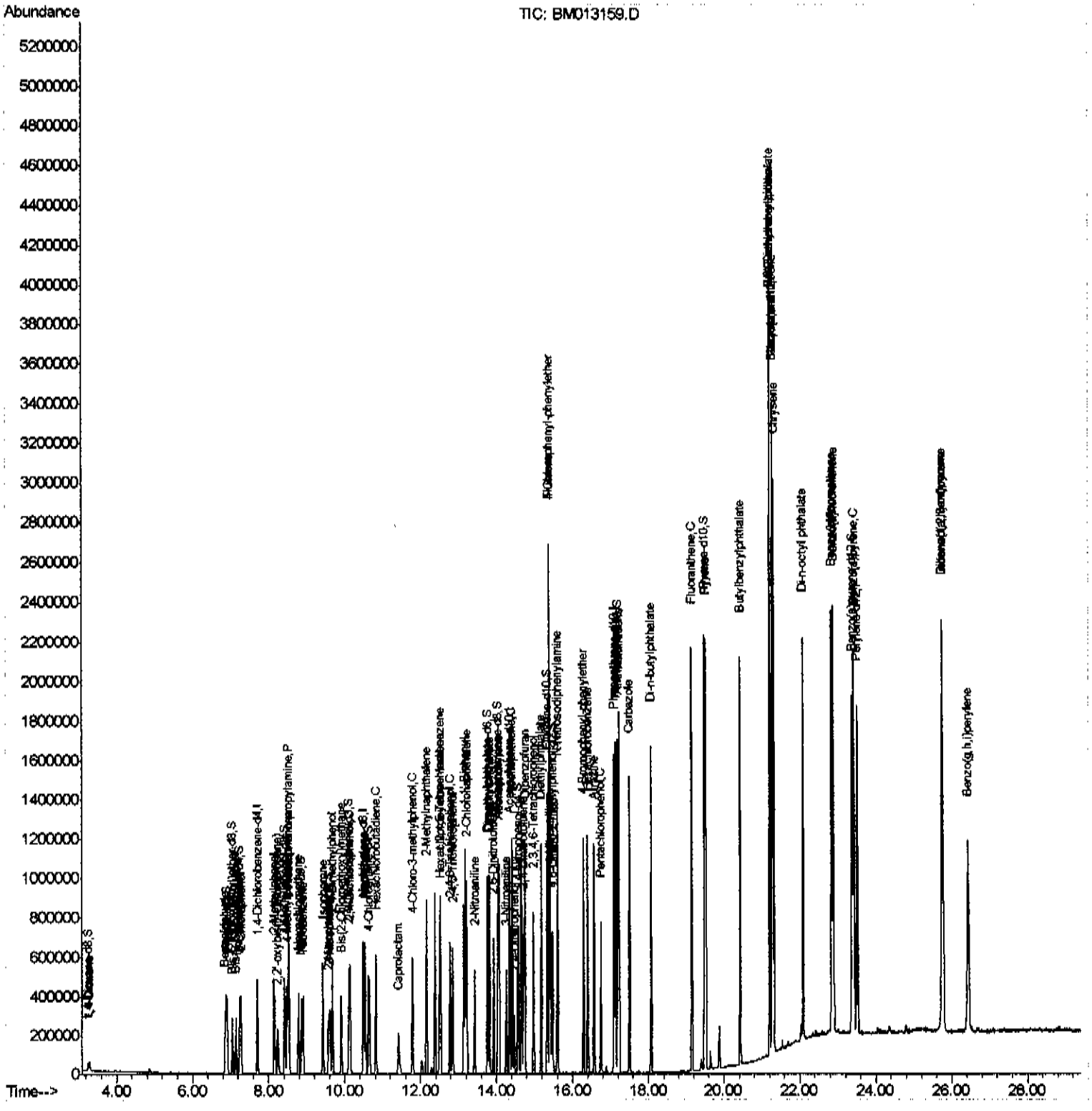
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013159.D
Acq On : 04 Dec 2017 10:42
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 04:14:08 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 13:03:14 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02011

Manual Integrations APPROVED
Sohil
12/5/2017 3:25:38 PM



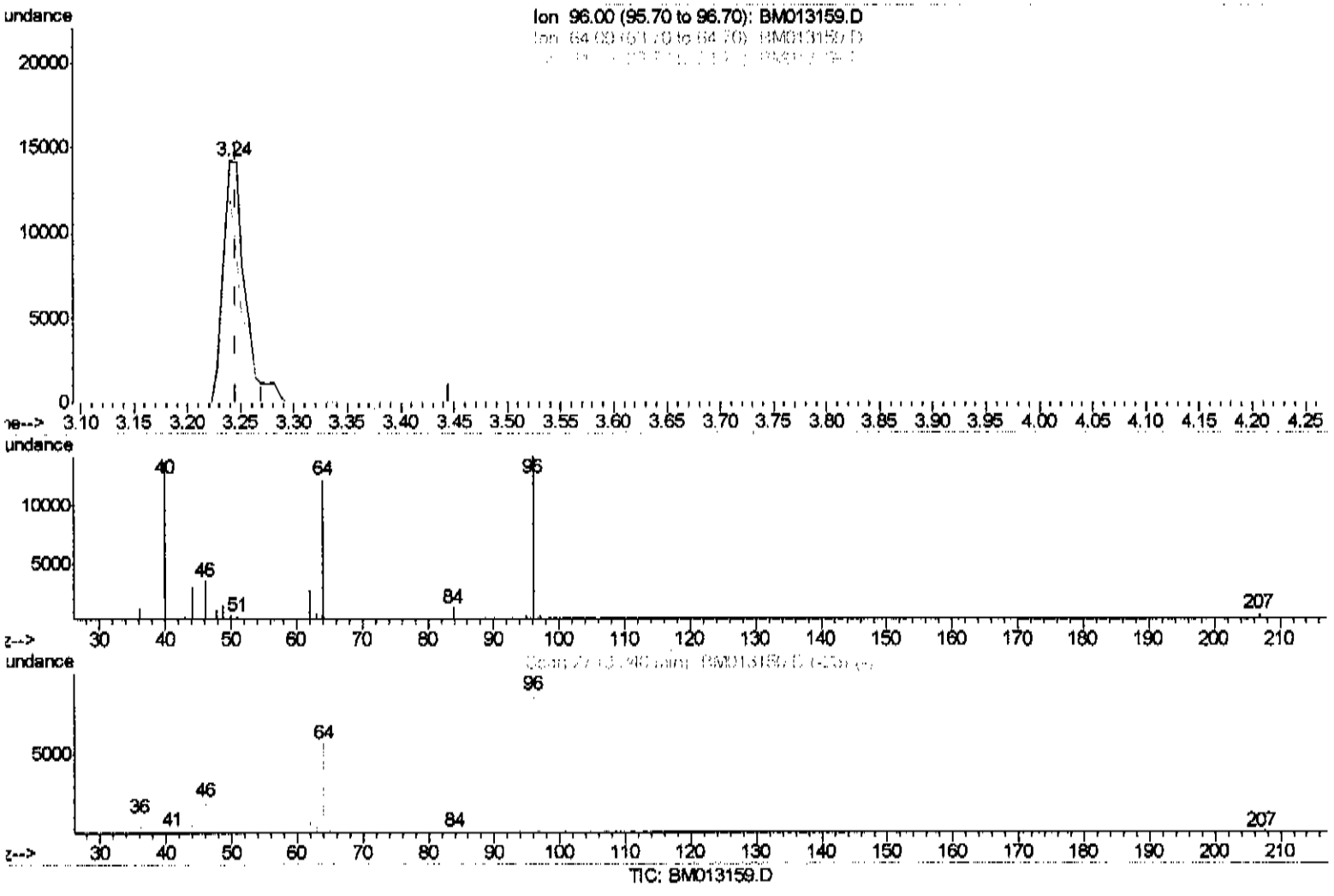
Quantitation Report (Qedit)

Instrument :
BNA_M
LabSampleId :
SSTD02011

Manual Integrations APPROVED
Sohil
12/5/2017 3:25:38 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013159.D
Acq On : 04 Dec 2017 10:42
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 04:09:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 13:03:14 2017
Response via : Initial Calibration



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

3.240min (-0.006) 8.31ng/uL

response 19247

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	74.18
34.00	0.00	0.00
0.00	0.00	0.00

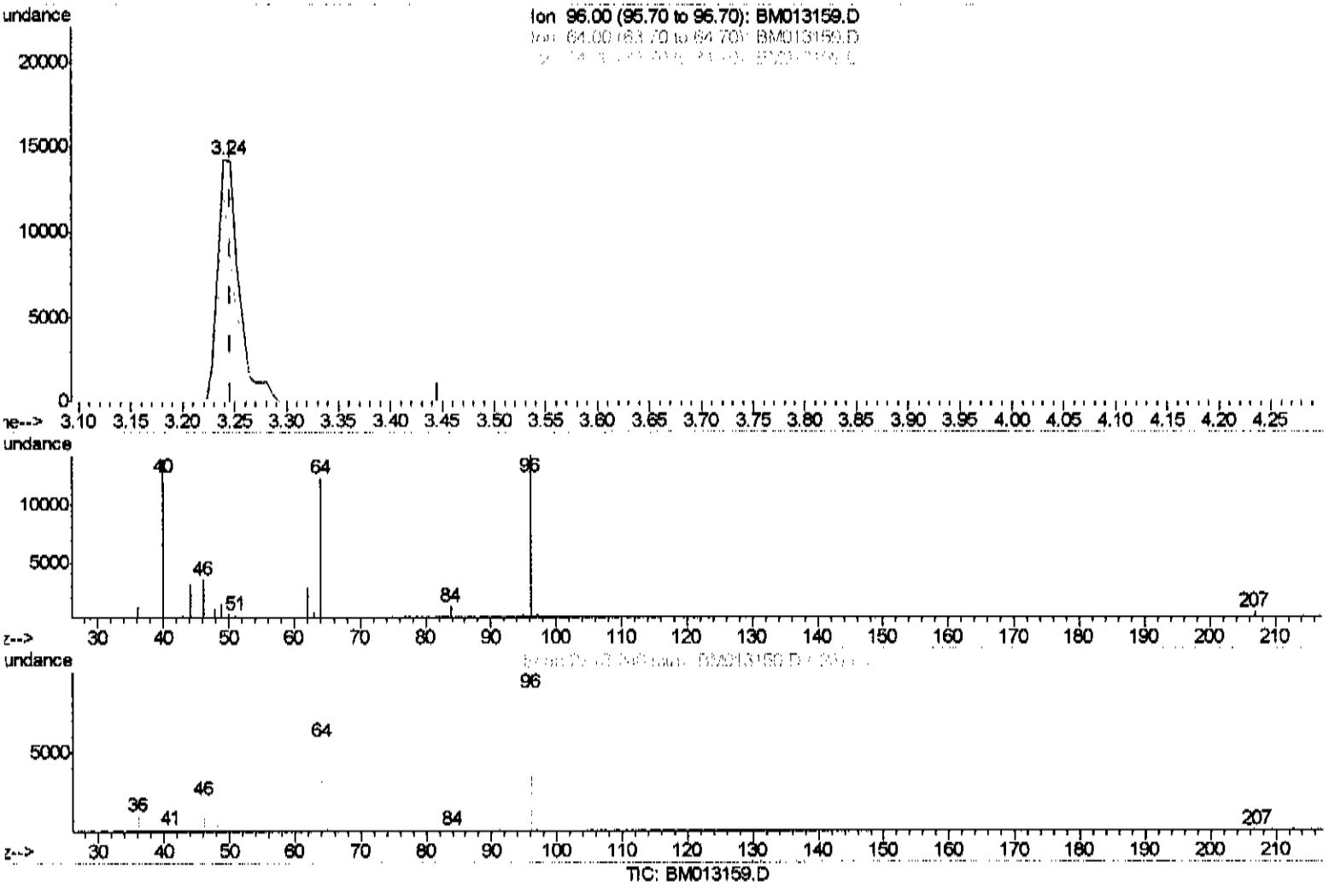
Quantitation Report (Qedit)

Instrument :
BNA_M
LabSampleId :
SSTD02011

Manual Integrations APPROVED
Sohil
12/5/2017 3:25:38 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013159.D
Acq On : 04 Dec 2017 10:42
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 04:09:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 13:03:14 2017
Response via : Initial Calibration



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

3.240min (-0.006) 8.72ng/uL m SJ 12/05/17

response 20204

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	70.66
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_M
LabSampleId :
SSTD02011

Manual Integrations
APPROVED
Sohil
12/5/2017 3:25:38 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013159.D
Acq On : 04 Dec 2017 10:42
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 04:14:08 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 13:03:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	114752	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	515318	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	349251	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	928463	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1193770	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1210504	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	20204m	8.72	ng/uL	0.00
5) Phenol-d5	6.88	99	182333	18.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	112830	19.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	149158	19.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	158169	18.65	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	76979	18.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	77701	17.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	168720	18.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	198196	23.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	607784	19.56	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	734236	19.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	98600	18.26	ng/ul	0.00
57) Fluorene-d10	15.34	176	531378	19.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	101301	17.34	ng/ul	0.00
70) Anthracene-d10	17.19	188	911886	19.61	ng/ul	0.00
76) Pyrene-d10	19.48	212	1101630	18.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1189365	19.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	21562	8.29	ng/uL#	75
4) Benzaldehyde	6.85	77	103927	21.15	ng/ul	94
6) Phenol	6.91	94	185103	18.86	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.13	93	143497	19.12	ng/ul	96
10) 2-Chlorophenol	7.27	128	148247	19.49	ng/ul	98
11) 2-Methylphenol	8.15	108	138143	18.20	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	145725	18.49	ng/ul#	77
14) Acetophenone	8.52	105	247982	19.22	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.50	70	127101	19.56	ng/ul#	71
16) 4-Methylphenol	8.47	108	153238	18.88	ng/ul	94
17) Hexachloroethane	8.77	117	70259	21.21	ng/ul#	71
20) Nitrobenzene	8.90	77	193572	18.80	ng/ul	94
21) Isophorone	9.42	82	345089	19.05	ng/ul#	94
23) 2-Nitrophenol	9.60	139	82412	18.17	ng/ul#	82
24) 2,4-Dimethylphenol	9.67	107	185113	18.72	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.90	93	201955	19.05	ng/ul	94
27) 2,4-Dichlorophenol	10.13	162	160520	19.28	ng/ul	92
28) Naphthalene	10.53	128	510563	19.26	ng/ul	99
30) 4-Chloroaniline	10.65	127	192684	24.03	ng/ul	93
31) Hexachlorobutadiene	10.82	225	121081	20.08	ng/ul	95
32) Caprolactam	11.41	113	50981	19.16	ng/ul#	35
33) 4-Chloro-3-methylphenol	11.78	107	178451	19.54	ng/ul	98
34) 2-Methylnaphthalene	12.15	142	396134	19.88	ng/ul	92

– SJ 12/05/17

Quantitation Report (QT Reviewed)

Instrument :
BNA_M
LabSampleId :
SSTD02011

Manual Integrations APPROVED
Sohil
12/5/2017 3:25:38 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013159.D
Acq On : 04 Dec 2017 10:42
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 04:14:08 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 13:03:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	232134	18.42 ng/ul#	97
37) Hexachlorocyclopentadiene	12.50	237	152937	18.44 ng/ul	98
38) 2,4,6-Trichlorophenol	12.77	196	146314	18.62 ng/ul	99
39) 2,4,5-Trichlorophenol	12.84	196	156314	18.73 ng/ul	97
40) 1,1'-Biphenyl	13.17	154	554079	18.77 ng/ul	98
41) 2-Chloronaphthalene	13.21	162	434332	18.76 ng/ul	98
42) 2-Nitroaniline	13.42	65	128577	18.95 ng/ul	96
44) Dimethylphthalate	13.80	163	576913	19.41 ng/ul	98
45) 2,6-Dinitrotoluene	13.92	165	116807	19.27 ng/ul#	90
47) Acenaphthylene	14.06	152	677609	19.09 ng/ul	98
48) 3-Nitroaniline	14.25	138	109957	20.29 ng/ul	90
49) Acenaphthene	14.40	153	461825	19.10 ng/ul	97
50) 2,4-Dinitrophenol	14.46	184	56527	16.85 ng/ul#	88
52) 4-Nitrophenol	14.57	109	107579	20.31 ng/ul#	71
53) Dibenzofuran	14.74	168	701548	19.66 ng/ul	98
54) 2,4-Dinitrotoluene	14.71	165	177827	20.16 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.97	232	153345	20.04 ng/ul#	90
56) Diethylphthalate	15.17	149	612616	20.55 ng/ul	94
58) Fluorene	15.39	166	591131	20.02 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.39	204	319951	19.96 ng/ul	97
60) 4-Nitroaniline	15.42	138	127555	19.95 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.47	198	103051	17.66 ng/ul	94
64) N-Nitrosodiphenylamine	15.61	169	519369	18.99 ng/ul	97
65) 4-Bromophenyl-phenylether	16.29	248	205952	18.87 ng/ul	97
66) Hexachlorobenzene	16.39	284	230484	19.15 ng/ul#	90
67) Atrazine	16.56	200	209705	20.77 ng/ul	92
68) Pentachlorophenol	16.74	266	123536	17.75 ng/ul	98
69) Phenanthrene	17.13	178	1016674	19.27 ng/ul	98
71) Anthracene	17.22	178	1042581	19.34 ng/ul	97
72) Carbazole	17.49	167	900785	19.42 ng/ul	99
73) Di-n-butylphthalate	18.06	149	1086196	20.06 ng/ul	99
74) Fluoranthene	19.15	202	1319546	20.41 ng/ul#	96
77) Pyrene	19.51	202	1357160	18.71 ng/ul#	92
78) Butylbenzylphthalate	20.42	149	526462	18.58 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.20	252	480245	19.14 ng/ul#	98
80) Benzo(a)anthracene	21.26	228	1486370	19.62 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.20	149	826883	19.36 ng/ul#	97
82) Chrysene	21.31	228	1393442	19.83 ng/ul	99
84) Di-n-octyl phthalate	22.08	149	1370960	15.93 ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	1541404	18.89 ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	1430567	18.63 ng/ul#	98
88) Benzo(a)pyrene	23.40	252	1402414	19.13 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.73	276	1562500	21.48 ng/ul#	95
90) Dibenzo(a,h)anthracene	25.74	278	1306169	21.09 ng/ul#	97
91) Benzo(g,h,i)perylene	26.41	276	1262405	22.00 ng/ul#	94

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