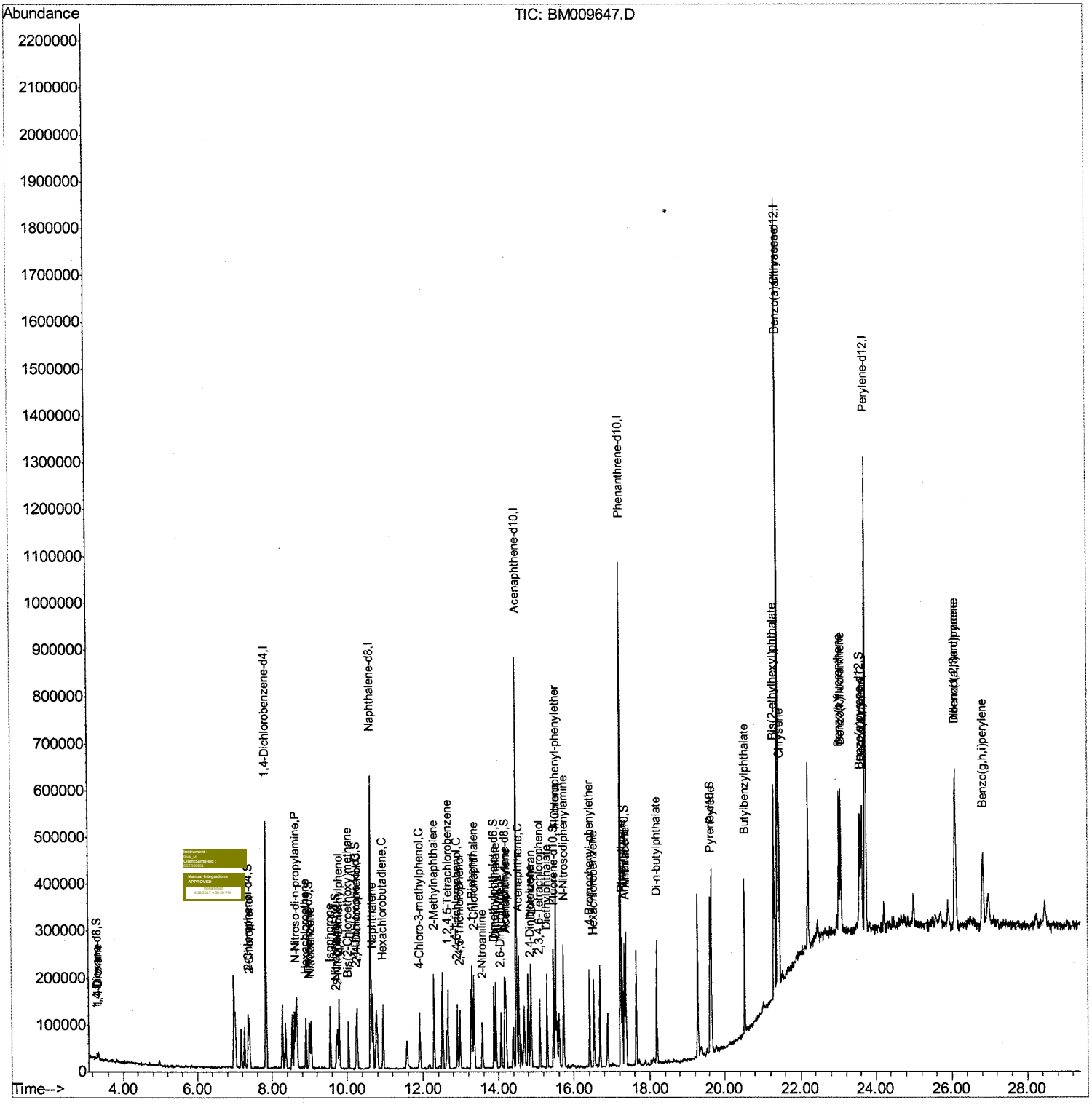
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041717\
Data File : BM009647.D
Acq On : 17 Apr 2017 13:30
Operator : SJ/MA
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

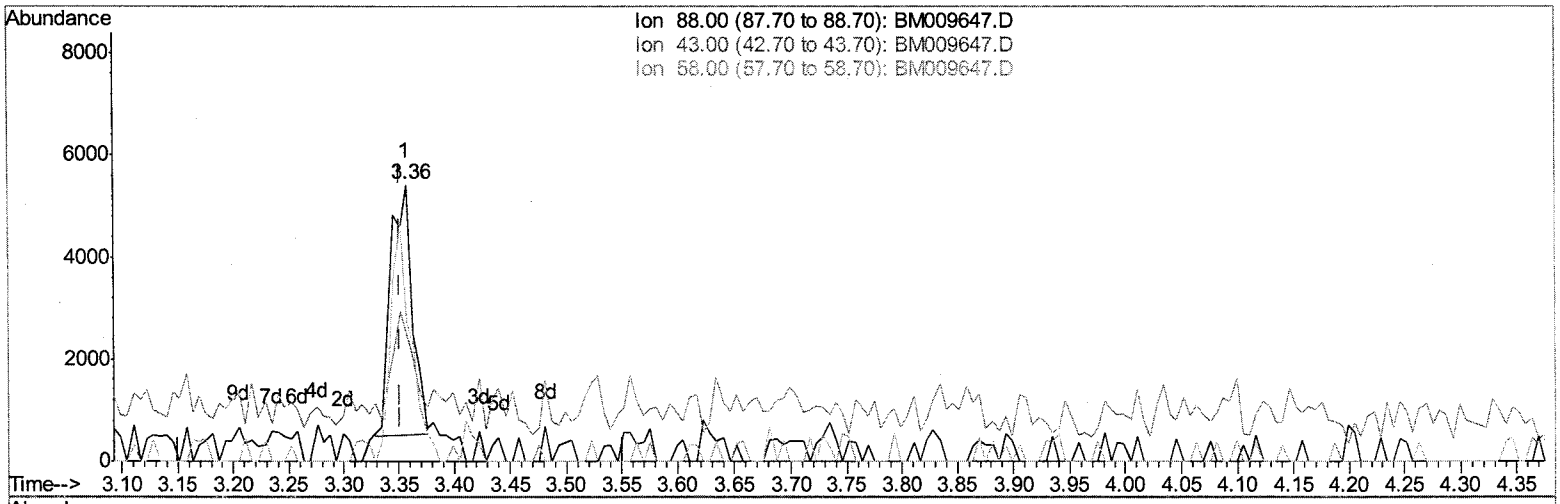
Quant Time: Apr 17 16:19:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 17 15:45:01 2017
Response via : Initial Calibration

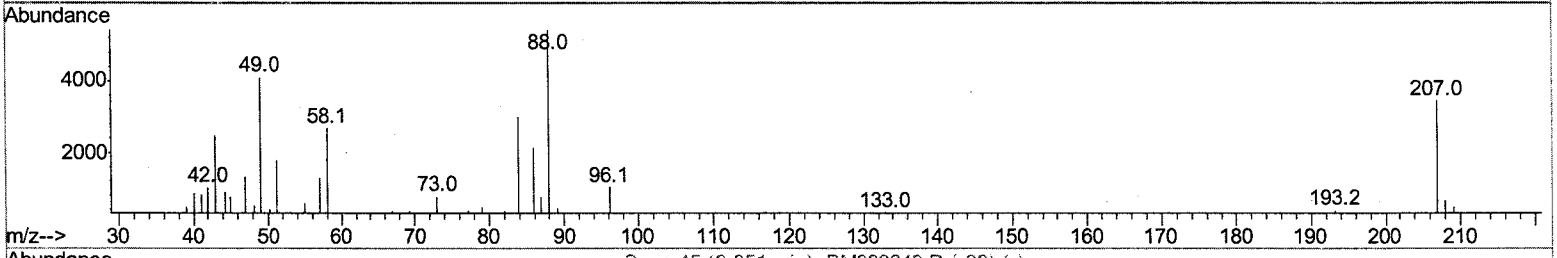


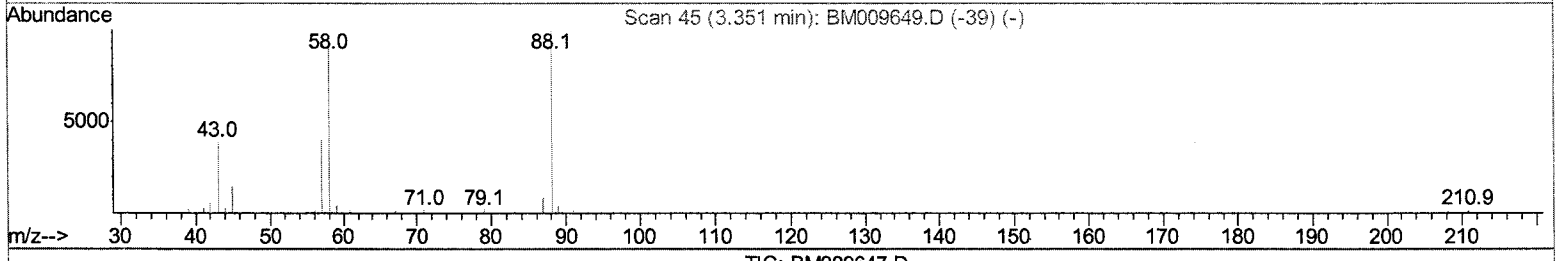
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041717\
Data File : BM009647.D
Acq On : 17 Apr 2017 13:30
Operator : SJ/MA
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 17 16:11:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 17 15:45:01 2017
Response via : Initial Calibration







TIC: BM009647.D

(2) 1,4-Dioxane

3.358min (+0.006) 1.93ng/uL

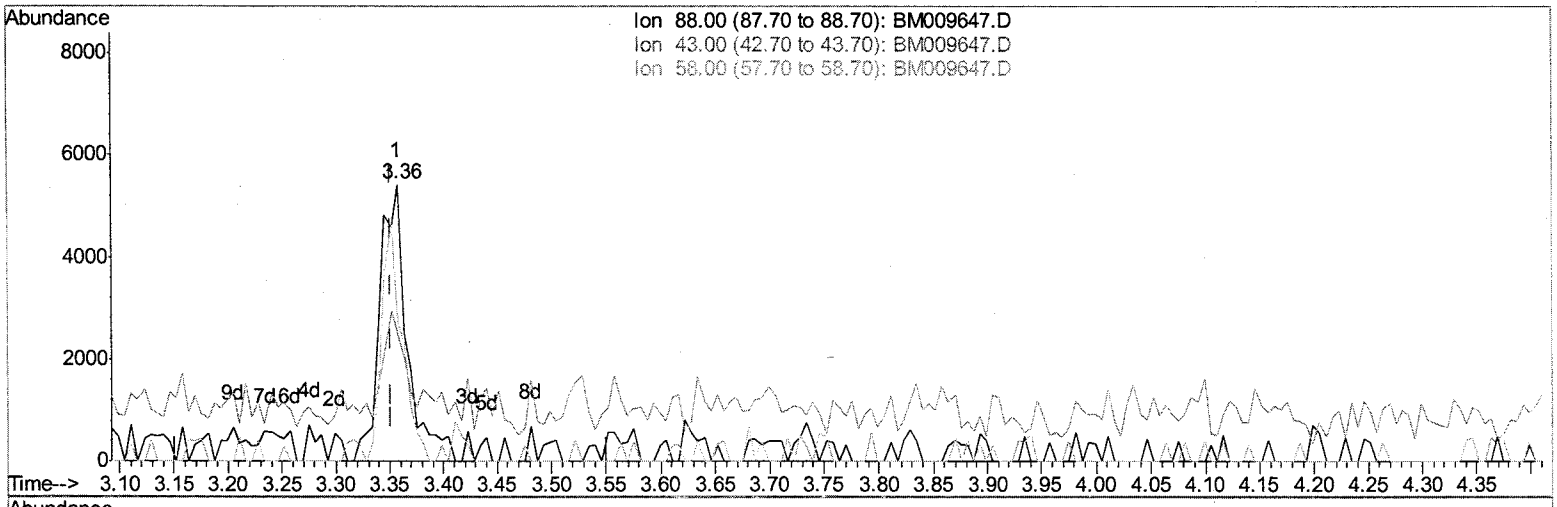
response 6642

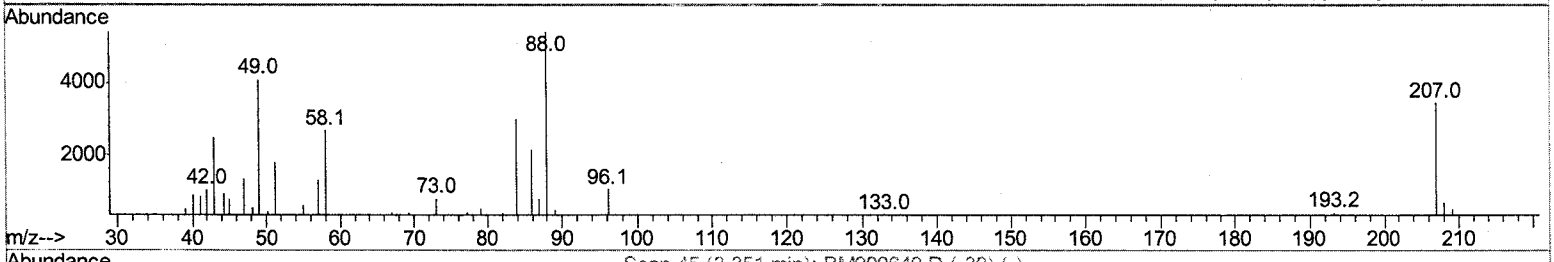
Ion	Exp%	
88.00	100	100
43.00	73.70	41.33#
58.00	109.30	90.21
0.00	0.00	0.00

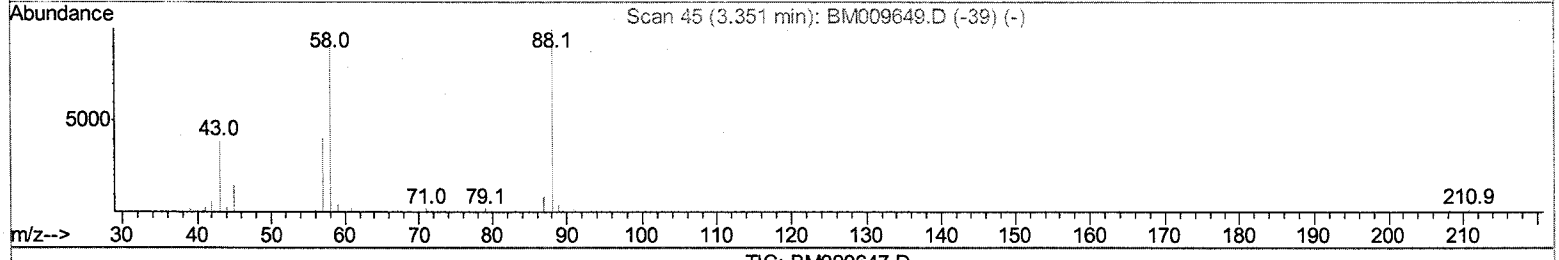
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041717\
Data File : BM009647.D
Acq On : 17 Apr 2017 13:30
Operator : SJ/MA
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 17 16:11:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 17 15:45:01 2017
Response via : Initial Calibration







TIC: BM009647.D

(2) 1,4-Dioxane

3.358min (+0.006) 2.73ng/uL m SJ 4/20/17

response 9422

Ion	Exp%	
88.00	100	100
43.00	73.70	29.13#
58.00	109.30	63.60#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041717\
Data File : BM009647.D
Acq On : 17 Apr 2017 13:30
Operator : SJ/MA
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 17 16:19:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 17 15:45:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	118398	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	446055	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	252977	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	573798	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	745030	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	715644	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	7470	2.53	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.36	132	35336	4.94	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.00	128	16442	5.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	15069	4.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	34724	4.80	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.89	166	96132	5.64	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	119027	5.69	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.47	176	81984	5.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.33	188	129071	4.75	ng/ul	0.00
76) Pyrene-d10	19.62	212	154227	4.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	150624	4.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	9422m>	2.73	ng/uL	
10) 2-Chlorophenol	7.40	128	38087	5.11	ng/ul#	70
15) N-Nitroso-di-n-propylamine	8.63	70	36765	4.39	ng/ul#	91
17) Hexachloroethane	8.90	117	19224	5.33	ng/ul	91
20) Nitrobenzene	9.04	77	55112	4.89	ng/ul#	91
21) Isophorone	9.56	82	88488	4.72	ng/ul#	96
23) 2-Nitrophenol	9.75	139	18657	5.03	ng/ul#	49
24) 2,4-Dimethylphenol	9.80	107	45736	4.77	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.04	93	53011	4.91	ng/ul	95
27) 2,4-Dichlorophenol	10.27	162	33423	4.72	ng/ul#	89
28) Naphthalene	10.68	128	116381	5.20	ng/ul	97
31) Hexachlorobutadiene	10.95	225	26294	4.44	ng/ul	96
33) 4-Chloro-3-methylphenol	11.91	107	38577	4.65	ng/ul	95
34) 2-Methylnaphthalene	12.29	142	80525	4.82	ng/ul	98
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	44253	5.38	ng/ul	91
38) 2,4,6-Trichlorophenol	12.90	196	27214	5.80	ng/ul	87
39) 2,4,5-Trichlorophenol	12.97	196	28819	5.62	ng/ul	94
40) 1,1'-Biphenyl	13.30	154	100824	5.78	ng/ul	98
41) 2-Chloronaphthalene	13.35	162	83505	6.14	ng/ul	94
42) 2-Nitroaniline	13.56	65	27446	5.30	ng/ul#	88
44) Dimethylphthalate	13.93	163	97569	5.72	ng/ul	97
45) 2,6-Dinitrotoluene	14.06	165	17963	5.53	ng/ul#	69
47) Acenaphthylene	14.20	152	122797	5.99	ng/ul	95

SJ 4/20/17

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041717\
Data File : BM009647.D
Acq On : 17 Apr 2017 13:30
Operator : SJ/MA
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 17 16:19:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 17 15:45:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.55	153	83720	5.72	ng/ul	91
53) Dibenzofuran	14.88	168	120844	5.64	ng/ul	87
54) 2,4-Dinitrotoluene	14.86	165	26907	5.61	ng/ul#	57
55) 2,3,4,6-Tetrachlorophenol	15.10	232	25008	5.28	ng/ul#	88
56) Diethylphthalate	15.30	149	99016	5.67	ng/ul#	95
58) Fluorene	15.53	166	97608	5.47	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.52	204	50954	5.27	ng/ul	96
64) N-Nitrosodiphenylamine	15.74	169	83036	4.96	ng/ul	97
65) 4-Bromophenyl-phenylether	16.42	248	30838	4.71	ng/ul	86
66) Hexachlorobenzene	16.53	284	35598	4.96	ng/ul	92
69) Phenanthrene	17.27	178	155780	4.91	ng/ul	98
71) Anthracene	17.36	178	159383	4.93	ng/ul	97
73) Di-n-butylphthalate	18.19	149	160455	4.95	ng/ul	97
77) Pyrene	19.65	202	202225	4.86	ng/ul#	89
78) Butylbenzylphthalate	20.54	149	79936	5.34	ng/ul	93
80) Benzo(a)anthracene	21.40	228	214031	5.04	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.30	149	119506	5.51	ng/ul#	97
82) Chrysene	21.45	228	188538	4.67	ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	209353	4.86	ng/ul#	96
86) Benzo(k)fluoranthene	23.07	252	200547	4.95	ng/ul#	98
88) Benzo(a)pyrene	23.63	252	199023	4.87	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	233660	5.04	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.10	278	200241	5.07	ng/ul#	89
91) Benzo(g,h,i)perylene	26.82	276	188285	4.91	ng/ul#	88

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