Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071516\
Data File : BM006443.D
Acq On : 15 Jul 2016 15:03
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02064

Quant Time: Jul 15 15:53:26 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 15 04:34:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	117671	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	479068	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	278075	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	672514	20.00	ng/ul	0.00
75) Chrysene-d12	21.23	240	820819	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	920158	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	24363	8.72	ng/uL	0.00
5) Phenol-d5	6.80	99	200448	20.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	127389	21.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	162684	20.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	159806	20.86	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	75298	20.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	83439	20.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	155807	20.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	204809	25.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	460769	20.25	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	580692	20.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	83271	21.06	ng/ul	0.00
57) Fluorene-d10	15.27	176	404641	20.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	74327	19.11	ng/ul	0.00
70) Anthracene-d10	17.12	188	658458	20.71	ng/ul	0.00
76) Pyrene-d10	19.42	212	773244	20.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	886622	21.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	26301	8.78	ng/uL#	12
4) Benzaldehyde	6.77	77	138240	23.73	ng/ul	98
6) Phenol	6.83	94	219514	21.60	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.05	93	164778	21.99	ng/ul	97
10) 2-Chlorophenol	7.19	128	167869	20.92	ng/ul	98
11) 2-Methylphenol	8.06	108	161655	21.35	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.16	45	252273	20.72	ng/ul	98
14) Acetophenone	8.44	105	249468	20.67	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.42	70	130178	20.44	ng/ul	95
16) 4-Methylphenol	8.39	108	172830	21.12	ng/ul	93
17) Hexachloroethane	8.69	117	70678	20.70	ng/ul	93
20) Nitrobenzene	8.82	77	199228	20.60	ng/ul	99
21) Isophorone	9.33	82	352011	20.39	ng/ul	98
23) 2-Nitrophenol	9.52	139	93811	20.78	ng/ul	99
24) 2,4-Dimethylphenol	9.59	107	198895	20.38	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.82	93	214074	20.73	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	159316	20.38	ng/ul	97
28) Naphthalene	10.45	128	505921	20.81	ng/ul	98
30) 4-Chloroaniline	10.56	127	212932	25.23	ng/ul	100
31) Hexachlorobutadiene	10.73	225	108757	20.38	ng/ul	99
32) Caprolactam	11.32	113	50773	20.45	ng/ul	98
33) 4-Chloro-3-methylphenol	11.70	107	176800	20.19	ng/ul	97
34) 2-Methylnaphthalene	12.07	142	372020	20.30	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071516\
Data File : BM006443.D
Acq On : 15 Jul 2016 15:03
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02064

Quant Time: Jul 15 15:53:26 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 15 04:34:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	196810	20.18	ng/ul	99
37) Hexachlorocyclopentadiene	12.42	237	98502	19.18	ng/ul	99
38) 2,4,6-Trichlorophenol	12.69	196	127763	20.17	ng/ul	97
39) 2,4,5-Trichlorophenol	12.77	196	134417	20.60	ng/ul	98
40) 1,1'-Biphenyl	13.10	154	473412	20.64	ng/ul	96
41) 2-Chloronaphthalene	13.14	162	370732	20.67	ng/ul	100
42) 2-Nitroaniline	13.35	65	124528	20.30	ng/ul	96
44) Dimethylphthalate	13.73	163	469633	20.34	ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	95094	20.73	ng/ul	93
47) Acenaphthylene	13.99	152	604314	20.62	ng/ul	98
48) 3-Nitroaniline	14.19	138	104302	24.13	ng/ul	99
49) Acenaphthene	14.33	153	380530	20.18	ng/ul	97
50) 2,4-Dinitrophenol	14.40	184	46321	17.77	ng/ul	94
52) 4-Nitrophenol	14.50	109	87440	19.54	ng/ul	92
53) Dibenzofuran	14.67	168	565014	20.59	ng/ul	98
54) 2,4-Dinitrotoluene	14.65	165	141379	20.62	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.90	232	122190	20.67	ng/ul	99
56) Diethylphthalate	15.10	149	489224	20.08	ng/ul	99
58) Fluorene	15.33	166	436049	19.86	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.32	204	221140	19.81	ng/ul	96
60) 4-Nitroaniline	15.35	138	113294	22.11	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.42	198	82030	19.80	ng/ul#	99
64) N-Nitrosodiphenylamine	15.54	169	401662	20.33	ng/ul	97
65) 4-Bromophenyl-phenylether	16.22	248	152566	20.36	ng/ul	98
66) Hexachlorobenzene	16.33	284	167556	20.05	ng/ul	98
67) Atrazine	16.49	200	155747	21.33	ng/ul	99
68) Pentachlorophenol	16.68	266	79382	19.76	ng/ul	97
69) Phenanthrene	17.06	178	758166	20.50	ng/ul	100
71) Anthracene	17.16	178	764805	20.11	ng/ul	99
72) Carbazole	17.43	167	705315	21.93	ng/ul	98
73) Di-n-butylphthalate	18.00	149	892174	20.28	ng/ul	100
74) Fluoranthene	19.09	202	969337	22.56	ng/ul	98
77) Pyrene	19.45	202	1016934	20.75	ng/ul	98
78) Butylbenzylphthalate	20.36	149	442747	20.55	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.14	252	369189	23.09	ng/ul	100
80) Benzo(a)anthracene	21.21	228	1030570	20.57	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	598457	20.00	ng/ul	99
82) Chrysene	21.26	228	969275	20.55	ng/ul	98
84) Di-n-octyl phthalate	22.01	149	1180059	22.00	ng/ul	100
85) Benzo(b)fluoranthene	22.77	252	1119889	20.36	ng/ul	99
86) Benzo(k)fluoranthene	22.81	252	1129013	21.83	ng/ul	99
88) Benzo(a)pyrene	23.33	252	1116904	21.20	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.63	276	1309414	21.36	ng/ul	98
90) Dibenzo(a,h)anthracene	25.64	278	1093453	21.47	ng/ul	99
91) Benzo(g,h,i)perylene	26.30	276	1132078	20.90	ng/ul	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071516\
Data File : BM006443.D
Acq On : 15 Jul 2016 15:03
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Quant Time: Jul 15 15:53:26 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 15 04:34:07 2016
Response via : Initial Calibration