Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\
Data File : BM004450.D
Acq On : 27 Feb 2016 05:40
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02062

Quant Time: Feb 27 06:15:02 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 27 00:43:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	28518	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	117147	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	62150	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	130104	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	143926	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	145297	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	4516	8.35	ng/uL	0.00
5) Phenol-d5	6.80	99	41441	17.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	21328	17.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	38198	18.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	34500	16.15	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	17826	20.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	19650	19.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	34843	18.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	45402	19.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	96926	18.18	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	124170	19.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	12569	14.67	ng/ul	0.00
58) Fluorene-d10	15.27	176	83857	18.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	11626	14.55	ng/ul	0.00
71) Anthracene-d10	17.13	188	124597	19.54	ng/ul	0.00
79) Pyrene-d10	19.44	212	136093	19.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	149816	19.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	4831	7.75	ng/uL#	94
4) Benzaldehyde	6.76	77	26764	20.69	ng/ul	92
6) Phenol	6.83	94	43577	17.09	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.05	93	33807	17.91	ng/ul	95
10) 2-Chlorophenol	7.18	128	39946	18.63	ng/ul	97
11) 2-Methylphenol	8.07	108	34928	16.80	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	30686	16.93	ng/ul	97
14) Acetophenone	8.44	105	55541	16.59	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.42	70	25097	15.60	ng/ul	94
16) 4-Methylphenol	8.40	108	37557	16.47	ng/ul	99
17) Hexachloroethane	8.68	117	15894	19.51	ng/ul	89
20) Nitrobenzene	8.82	77	37462	19.23	ng/ul	94
21) Isophorone	9.33	82	69378	17.18	ng/ul	97
23) 2-Nitrophenol	9.53	139	21865	19.13	ng/ul	93
24) 2,4-Dimethylphenol	9.59	107	41709	18.27	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.82	93	43579	17.91	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	36204	18.71	ng/ul	97
28) Naphthalene	10.45	128	125766	19.25	ng/ul	99
30) 4-Chloroaniline	10.57	127	47706	19.79	ng/ul	98
31) Hexachlorobutadiene	10.73	225	25169	20.73	ng/ul	99
32) Caprolactam	11.33	113	9367	13.90	ng/ul	85
33) 4-Chloro-3-methylphenol	11.72	107	36665	16.19	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	87410	17.88	ng/ul	99

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\
Data File : BM004450.D
Acq On : 27 Feb 2016 05:40
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02062

Quant Time: Feb 27 06:15:02 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 27 00:43:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	82421	17.73	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	44872	21.71	ng/ul	98
38) Hexachlorocyclopentadiene	12.42	237	8136	10.56	ng/ul	98
39) 2,4,6-Trichlorophenol	12.70	196	26710	19.88	ng/ul	96
40) 2,4,5-Trichlorophenol	12.79	196	26535	18.20	ng/ul	100
41) 1,1'-Biphenyl	13.10	154	109625	20.53	ng/ul	99
42) 2-Chloronaphthalene	13.14	162	83618	20.58	ng/ul	98
43) 2-Nitroaniline	13.36	65	18396	17.96	ng/ul	94
45) Dimethylphthalate	13.74	163	101064	18.18	ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	20646	18.52	ng/ul	94
48) Acenaphthylene	14.00	152	132786	19.56	ng/ul	99
49) 3-Nitroaniline	14.20	138	20696	18.71	ng/ul	97
50) Acenaphthene	14.34	153	89712	19.35	ng/ul	98
51) 2,4-Dinitrophenol	14.43	184	4547	8.99	ng/ul	94
53) 4-Nitrophenol	14.54	109	9008	14.06	ng/ul	94
54) Dibenzofuran	14.68	168	123335	19.05	ng/ul	97
55) 2,4-Dinitrotoluene	14.67	165	29728	17.85	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.92	232	21132	17.50	ng/ul#	96
57) Diethylphthalate	15.10	149	100635	17.50	ng/ul	99
59) Fluorene	15.33	166	100015	18.64	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.32	204	49866	18.94	ng/ul	95
61) 4-Nitroaniline	15.37	138	19696	16.52	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.44	198	12700	14.75	ng/ul	93
65) N-Nitrosodiphenylamine	15.54	169	84234	20.24	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	29076	20.52	ng/ul	94
67) Hexachlorobenzene	16.34	284	32122	20.39	ng/ul	93
68) Atrazine	16.50	200	29381	19.03	ng/ul	98
69) Pentachlorophenol	16.70	266	10461	16.82	ng/ul	97
70) Phenanthrene	17.07	178	151840	19.43	ng/ul	99
72) Anthracene	17.16	178	156056	19.66	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	41618	24.01	ng/uL	99
74) Pentachlorobenzene	14.60	250	38728	21.74	ng/uL	98
75) Carbazole	17.44	167	134311	19.41	ng/ul	99
76) Di-n-butylphthalate	18.00	149	170290	17.73	ng/ul	99
77) Fluoranthene	19.10	202	174157	19.67	ng/ul	99
80) Pyrene	19.47	202	184120	19.57	ng/ul	98
81) Butylbenzylphthalate	20.37	149	79151	19.12	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.16	252	63280	21.82	ng/ul	100
83) Benzo(a)anthracene	21.23	228	180997	19.55	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	117561	19.21	ng/ul	98
85) Chrysene	21.28	228	172313	19.35	ng/ul	99
87) Di-n-octyl phthalate	22.02	149	209157	17.49	ng/ul#	97
88) Benzo(b)fluoranthene	22.80	252	184034	18.74	ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	174470	18.86	ng/ul	100
91) Benzo(a)pyrene	23.37	252	178020	19.51	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.70	276	205359	24.07	ng/ul	98
93) Dibenzo(a,h)anthracene	25.70	278	169327	24.05	ng/ul	99
94) Benzo(g,h,i)perylene	26.39	276	175005	24.94	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\
Data File : BM004450.D
Acq On : 27 Feb 2016 05:40
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Quant Time: Feb 27 06:15:02 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 27 00:43:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\
Data File : BM004450.D
Acq On : 27 Feb 2016 05:40
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Quant Time: Feb 27 06:15:02 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 27 00:43:30 2016
Response via : Initial Calibration