Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007241.D
Acq On : 19 Aug 2016 17:29
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02055

Quant Time: Aug 19 18:00:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 09:10:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	229064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	903340	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	510858	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1191895	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1458660	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1522679	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	40167	7.66	ng/uL	0.00
5) Phenol-d5	6.97	99	361747	19.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	206561	19.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	299231	20.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	289840	18.98	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	139758	21.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	149042	21.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	296892	20.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	357554	20.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	817164	19.36	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1037848	20.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	135750	17.94	ng/ul	0.00
57) Fluorene-d10	15.43	176	726786	19.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	96159	14.60	ng/ul	0.00
70) Anthracene-d10	17.27	188	1129442	20.45	ng/ul	0.00
76) Pyrene-d10	19.57	212	1315245	21.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1421850	20.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	42505	7.79	ng/uL	95
4) Benzaldehyde	6.95	77	234753	21.04	ng/ul	96
6) Phenol	7.00	94	375152	19.19	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.23	93	282587	19.59	ng/ul	99
10) 2-Chlorophenol	7.37	128	298969	19.78	ng/ul	96
11) 2-Methylphenol	8.24	108	285117	19.40	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	313304	18.96	ng/ul	97
14) Acetophenone	8.62	105	450666	19.17	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.60	70	226825	18.54	ng/ul	96
16) 4-Methylphenol	8.57	108	301408	18.79	ng/ul	98
17) Hexachloroethane	8.87	117	120195	19.05	ng/ul	97
20) Nitrobenzene	9.00	77	345792	20.48	ng/ul	98
21) Isophorone	9.52	82	603486	19.08	ng/ul	98
23) 2-Nitrophenol	9.70	139	160703	20.96	ng/ul	99
24) 2,4-Dimethylphenol	9.77	107	356265	20.27	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	366023	19.27	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	295457	20.20	ng/ul	98
28) Naphthalene	10.64	128	906876	20.27	ng/ul	99
30) 4-Chloroaniline	10.75	127	365493	20.40	ng/ul	96
31) Hexachlorobutadiene	10.92	225	221130	20.45	ng/ul	96
32) Caprolactam	11.50	113	86578	17.47	ng/ul	99
33) 4-Chloro-3-methylphenol	11.87	107	305249	19.10	ng/ul	97
34) 2-Methylnaphthalene	12.25	142	668868	19.39	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007241.D
Acq On : 19 Aug 2016 17:29
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02055

Quant Time: Aug 19 18:00:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 09:10:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	388045	21.48	ng/ul	97
37) Hexachlorocyclopentadiene	12.60	237	142878	12.42	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	244960	21.14	ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	257139	21.19	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	854926	20.86	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	674977	20.99	ng/ul	98
42) 2-Nitroaniline	13.52	65	190613	20.65	ng/ul	97
44) Dimethylphthalate	13.89	163	809990	19.20	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	166967	20.37	ng/ul	93
47) Acenaphthylene	14.16	152	1072943	20.56	ng/ul	99
48) 3-Nitroaniline	14.34	138	171469	21.14	ng/ul	99
49) Acenaphthene	14.50	153	681885	20.12	ng/ul	100
50) 2,4-Dinitrophenol	14.55	184	54263	11.16	ng/ul	92
52) 4-Nitrophenol	14.65	109	141153	18.36	ng/ul	91
53) Dibenzofuran	14.83	168	1006053	20.00	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	236404	19.54	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.06	232	234541	20.00	ng/ul	96
56) Diethylphthalate	15.26	149	819265	18.41	ng/ul	98
58) Fluorene	15.48	166	806612	19.89	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	422618	19.74	ng/ul	97
60) 4-Nitroaniline	15.50	138	185634	19.52	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	105066	14.66	ng/ul	97
64) N-Nitrosodiphenylamine	15.69	169	703847	20.87	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	284334	21.06	ng/ul	94
66) Hexachlorobenzene	16.49	284	308027	20.17	ng/ul	98
67) Atrazine	16.64	200	272912	20.07	ng/ul	96
68) Pentachlorophenol	16.83	266	176643	18.80	ng/ul	97
69) Phenanthrene	17.22	178	1293039	20.17	ng/ul	99
71) Anthracene	17.31	178	1331445	20.24	ng/ul	99
72) Carbazole	17.58	167	1165707	20.57	ng/ul	99
73) Di-n-butylphthalate	18.14	149	1414594	20.42	ng/ul	99
74) Fluoranthene	19.23	202	1621597	20.86	ng/ul	99
77) Pyrene	19.60	202	1688882	20.94	ng/ul	100
78) Butylbenzylphthalate	20.50	149	681689	21.74	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.28	252	551443	19.57	ng/ul	99
80) Benzo(a)anthracene	21.34	228	1747140	20.27	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	981491	21.15	ng/ul	99
82) Chrysene	21.40	228	1575620	20.01	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	1740206	22.15	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	1781814	19.42	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	1777383	20.64	ng/ul	99
88) Benzo(a)pyrene	23.53	252	1753550	20.17	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.93	276	2103639	19.74	ng/ul	99
90) Dibenzo(a,h)anthracene	25.94	278	1766708	19.75	ng/ul	100
91) Benzo(g,h,i)perylene	26.63	276	1755385	19.49	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007241.D
Acq On : 19 Aug 2016 17:29
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Quant Time: Aug 19 18:00:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 09:10:25 2016
Response via : Initial Calibration