Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070516\
Data File : BM006263.D
Acq On : 05 Jul 2016 18:20
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02038

Quant Time: Jul 05 18:51:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 05 17:52:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	239204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1089039	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	613357	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1290066	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	1060614	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	1032617	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	44513	7.96	ng/uL	0.00
5) Phenol-d5	6.82	99	455303	20.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	279474	21.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	345200	20.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	364628	20.12	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	175385	20.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	188573	19.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	348976	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	451268	24.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	1000557	19.55	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1285115	20.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	177196	18.27	ng/ul	0.00
57) Fluorene-d10	15.29	176	859705	19.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	140465	18.58	ng/ul	0.00
70) Anthracene-d10	17.14	188	1241988	20.18	ng/ul	0.00
76) Pyrene-d10	19.44	212	1209288	23.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.32	264	986590	20.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	49519	8.09	ng/uL#	31
4) Benzaldehyde	6.79	77	306426	23.65	ng/ul	98
6) Phenol	6.85	94	479568	20.60	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.07	93	371563	21.61	ng/ul	99
10) 2-Chlorophenol	7.21	128	357580	20.15	ng/ul	99
11) 2-Methylphenol	8.09	108	361105	20.25	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.18	45	534366	20.81	ng/ul	99
14) Acetophenone	8.46	105	569995	20.63	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	317806	20.14	ng/ul	98
16) 4-Methylphenol	8.42	108	395871	20.45	ng/ul	98
17) Hexachloroethane	8.71	117	144799	19.93	ng/ul	100
20) Nitrobenzene	8.84	77	451876	20.02	ng/ul	99
21) Isophorone	9.36	82	855053	19.88	ng/ul	100
23) 2-Nitrophenol	9.55	139	209925	19.81	ng/ul	96
24) 2,4-Dimethylphenol	9.61	107	439689	19.63	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	523573	20.37	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	346922	19.67	ng/ul	98
28) Naphthalene	10.47	128	1131766	20.20	ng/ul	98
30) 4-Chloroaniline	10.59	127	477988	24.83	ng/ul	97
31) Hexachlorobutadiene	10.76	225	210490	19.10	ng/ul	97
32) Caprolactam	11.34	113	120445	17.24	ng/ul	98
33) 4-Chloro-3-methylphenol	11.72	107	408051	18.96	ng/ul	98
34) 2-Methylnaphthalene	12.09	142	841247	19.78	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	423544	20.77	ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	196117	16.91	ng/ul	98
38) 2,4,6-Trichlorophenol	12.72	196	283479	19.67	ng/ul	96
39) 2,4,5-Trichlorophenol	12.79	196	296359	19.69	ng/ul	95
40) 1,1'-Biphenyl	13.12	154	1063620	21.03	ng/ul	100
41) 2-Chloronaphthalene	13.16	162	821516	20.84	ng/ul	99
42) 2-Nitroaniline	13.37	65	292241	19.43	ng/ul	94
44) Dimethylphthalate	13.76	163	1007642	19.58	ng/ul	100
45) 2,6-Dinitrotoluene	13.88	165	212868	19.09	ng/ul	96
47) Acenaphthylene	14.02	152	1350471	20.30	ng/ul	100
48) 3-Nitroaniline	14.20	138	231130	22.69	ng/ul	100
49) Acenaphthene	14.36	153	850535	20.13	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	88988	14.34	ng/ul	94
52) 4-Nitrophenol	14.53	109	161884	16.60	ng/ul	96
53) Dibenzofuran	14.70	168	1207458	20.02	ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	298872	18.97	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.93	232	251094	18.50	ng/ul	100
56) Diethylphthalate	15.13	149	1038049	19.33	ng/ul	99
58) Fluorene	15.34	166	937814	19.39	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.34	204	458615	19.32	ng/ul	99
60) 4-Nitroaniline	15.37	138	245138	20.40	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.44	198	153661	18.92	ng/ul	97
64) N-Nitrosodiphenylamine	15.56	169	842089	21.60	ng/ul	99
65) 4-Bromophenyl-phenylether	16.24	248	299281	20.72	ng/ul	99
66) Hexachlorobenzene	16.35	284	321962	20.19	ng/ul	98
67) Atrazine	16.52	200	301954	20.97	ng/ul	99
68) Pentachlorophenol	16.70	266	154873	18.28	ng/ul	97
69) Phenanthrene	17.09	178	1464885	20.36	ng/ul	100
71) Anthracene	17.17	178	1503047	20.22	ng/ul	99
72) Carbazole	17.45	167	1309793	21.02	ng/ul	100
73) Di-n-butylphthalate	18.02	149	1682945	19.66	ng/ul	100
74) Fluoranthene	19.11	202	1559851	19.48	ng/ul	99
77) Pyrene	19.47	202	1577755	23.72	ng/ul	99
78) Butylbenzylphthalate	20.38	149	679991	22.37	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.16	252	442158	22.55	ng/ul	100
80) Benzo(a)anthracene	21.23	228	1337271	20.56	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.16	149	902871	22.15	ng/ul	99
82) Chrysene	21.28	228	1226796	20.65	ng/ul	99
84) Di-n-octyl phthalate	22.03	149	1541111	25.12	ng/ul	98
85) Benzo(b)fluoranthene	22.79	252	1314942	21.51	ng/ul	99
86) Benzo(k)fluoranthene	22.83	252	1201151	21.11	ng/ul	98
88) Benzo(a)pyrene	23.36	252	1238671	20.93	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.67	276	1392164	20.57	ng/ul	97
90) Dibenzo(a,h)anthracene	25.69	278	1160542	20.79	ng/ul	98
91) Benzo(g,h,i)perylene	26.35	276	1195522	20.47	ng/ul	97

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

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