Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081816\
Data File : BM007183.D
Acq On : 17 Aug 2016 17:33
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02049

Quant Time: Aug 17 18:04:32 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 15:21:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	250028	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	988129	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	555144	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1303111	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1648995	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1758639	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	47348	8.27	ng/uL	0.00
5) Phenol-d5	6.97	99	400929	19.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	233648	20.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	333444	20.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	319428	19.17	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	148323	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	164803	21.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	327108	20.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	388577	20.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	908510	19.81	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1146682	20.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	151413	18.42	ng/ul	0.00
57) Fluorene-d10	15.43	176	798264	19.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	128378	17.83	ng/ul	0.00
70) Anthracene-d10	17.27	188	1226627	20.32	ng/ul	0.00
76) Pyrene-d10	19.57	212	1471668	21.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1674531	20.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	47793	8.03	ng/uL	95
4) Benzaldehyde	6.95	77	268697	22.07	ng/ul	98
6) Phenol	7.00	94	419667	19.67	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.23	93	314289	19.96	ng/ul	97
10) 2-Chlorophenol	7.37	128	334553	20.27	ng/ul	99
11) 2-Methylphenol	8.24	108	314766	19.62	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.34	45	353982	19.62	ng/ul	98
14) Acetophenone	8.62	105	502657	19.59	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	253544	18.98	ng/ul	97
16) 4-Methylphenol	8.57	108	337715	19.29	ng/ul	96
17) Hexachloroethane	8.88	117	138501	20.11	ng/ul	98
20) Nitrobenzene	9.00	77	375216	20.32	ng/ul	99
21) Isophorone	9.52	82	665134	19.23	ng/ul	98
23) 2-Nitrophenol	9.71	139	180276	21.49	ng/ul	97
24) 2,4-Dimethylphenol	9.76	107	395772	20.59	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	408304	19.66	ng/ul	97
27) 2,4-Dichlorophenol	10.24	162	328972	20.56	ng/ul	99
28) Naphthalene	10.64	128	985787	20.14	ng/ul	99
30) 4-Chloroaniline	10.75	127	399556	20.39	ng/ul	98
31) Hexachlorobutadiene	10.92	225	245409	20.75	ng/ul	97
32) Caprolactam	11.50	113	94335	17.41	ng/ul	95
33) 4-Chloro-3-methylphenol	11.87	107	343422	19.65	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	746414	19.78	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	437991	22.31	ng/ul	96
37) Hexachlorocyclopentadiene	12.60	237	205715	16.45	ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	273372	21.71	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	283726	21.52	ng/ul	97
40) 1,1'-Biphenyl	13.27	154	949807	21.32	ng/ul	98
41) 2-Chloronaphthalene	13.31	162	742301	21.24	ng/ul	99
42) 2-Nitroaniline	13.51	65	211151	21.05	ng/ul	95
44) Dimethylphthalate	13.89	163	904406	19.73	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	187380	21.03	ng/ul	94
47) Acenaphthylene	14.16	152	1171769	20.66	ng/ul	98
48) 3-Nitroaniline	14.34	138	184522	20.94	ng/ul	98
49) Acenaphthene	14.50	153	750059	20.37	ng/ul	100
50) 2,4-Dinitrophenol	14.55	184	78934	14.94	ng/ul	94
52) 4-Nitrophenol	14.64	109	156771	18.76	ng/ul	92
53) Dibenzofuran	14.83	168	1105113	20.22	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	263370	20.03	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	254876	20.00	ng/ul#	96
56) Diethylphthalate	15.26	149	899515	18.60	ng/ul	98
58) Fluorene	15.48	166	867034	19.67	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.48	204	457562	19.66	ng/ul	96
60) 4-Nitroaniline	15.50	138	192461	18.63	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.56	198	139111	17.76	ng/ul	97
64) N-Nitrosodiphenylamine	15.69	169	769709	20.87	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	307987	20.87	ng/ul	99
66) Hexachlorobenzene	16.49	284	342521	20.51	ng/ul	99
67) Atrazine	16.64	200	295743	19.90	ng/ul	100
68) Pentachlorophenol	16.83	266	195542	19.04	ng/ul	98
69) Phenanthrene	17.22	178	1415852	20.20	ng/ul	99
71) Anthracene	17.31	178	1452313	20.19	ng/ul	99
72) Carbazole	17.58	167	1282875	20.70	ng/ul	99
73) Di-n-butylphthalate	18.14	149	1513847	19.98	ng/ul	99
74) Fluoranthene	19.23	202	1791217	21.07	ng/ul	99
77) Pyrene	19.60	202	1861687	20.42	ng/ul	99
78) Butylbenzylphthalate	20.50	149	730114	20.60	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.28	252	659083	20.69	ng/ul	98
80) Benzo(a)anthracene	21.34	228	2003536	20.56	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.28	149	1017659	19.40	ng/ul	99
82) Chrysene	21.40	228	1783039	20.03	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	1825277	20.12	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	2211797	20.88	ng/ul	100
86) Benzo(k)fluoranthene	23.00	252	2000518	20.11	ng/ul	99
88) Benzo(a)pyrene	23.53	252	2068195	20.60	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	2520556	20.48	ng/ul	98
90) Dibenzo(a,h)anthracene	25.94	278	2113456	20.46	ng/ul	99
91) Benzo(g,h,i)perylene	26.63	276	2098445	20.17	ng/ul	99

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

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