Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012717\
Data File : BM008917.D
Acq On : 28 Jan 2017 01:14
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02052

Quant Time: Jan 28 04:06:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 28 04:01:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	84135	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	351838	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	275981	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.31	188	627963	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	759948	20.00	ng/ul	0.00
83) Perylene-d12	23.83	264	654982	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	15751	9.25	ng/uL	0.00
5) Phenol-d5	7.07	99	153526	21.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	128016	22.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	104328	22.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	119092	21.34	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	52098	23.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.81	143	57442	21.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.34	165	124589	21.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	121880	19.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	415501	22.98	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	476924	22.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.75	143	60512	20.01	ng/ul	0.00
57) Fluorene-d10	15.55	176	369973	21.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	63795	17.06	ng/ul	0.00
70) Anthracene-d10	17.40	188	598972	21.81	ng/ul	0.00
76) Pyrene-d10	19.69	212	708837	21.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.68	264	613326	22.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	17702	8.58	ng/uL	100
4) Benzaldehyde	7.07	77	107850	18.39	ng/ul	97
6) Phenol	7.10	94	159072	20.47	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.35	93	123028	21.14	ng/ul	89
10) 2-Chlorophenol	7.48	128	106038	22.11	ng/ul	95
11) 2-Methylphenol	8.36	108	117103	21.02	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.46	45	236017	21.58	ng/ul#	94
14) Acetophenone	8.75	105	202216	19.77	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.73	70	145064	21.77	ng/ul#	92
16) 4-Methylphenol	8.68	108	125973	20.98	ng/ul	93
17) Hexachloroethane	9.00	117	66162	22.37	ng/ul#	85
20) Nitrobenzene	9.13	77	222261	22.53	ng/ul#	96
21) Isophorone	9.65	82	343817	21.59	ng/ul	96
23) 2-Nitrophenol	9.84	139	60039	21.27	ng/ul	95
24) 2,4-Dimethylphenol	9.89	107	173570	21.56	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.13	93	174891	22.04	ng/ul	97
27) 2,4-Dichlorophenol	10.37	162	116022	20.73	ng/ul	90
28) Naphthalene	10.77	128	351698	21.65	ng/ul	98
30) 4-Chloroaniline	10.89	127	127846	20.11	ng/ul	92
31) Hexachlorobutadiene	11.05	225	114938	21.24	ng/ul	95
32) Caprolactam	11.66	113	33379m	19.40	ng/ul	
33) 4-Chloro-3-methylphenol	12.00	107	153355	21.12	ng/ul	99
34) 2-Methylnaphthalene	12.38	142	278046	21.08	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.75	216	192967	22.76 ng/ul	97
37) Hexachlorocyclopentadiene	12.72	237	118676	18.10 ng/ul	94
38) 2,4,6-Trichlorophenol	12.99	196	111239	21.74 ng/ul	98
39) 2,4,5-Trichlorophenol	13.06	196	119405	21.73 ng/ul	92
40) 1,1'-Biphenyl	13.39	154	389871	22.86 ng/ul	94
41) 2-Chloronaphthalene	13.44	162	301639	22.48 ng/ul	96
42) 2-Nitroaniline	13.65	65	153317	23.02 ng/ul	98
44) Dimethylphthalate	14.02	163	401195	22.20 ng/ul	99
45) 2,6-Dinitrotoluene	14.14	165	78389	22.63 ng/ul	98
47) Acenaphthylene	14.29	152	464299	22.51 ng/ul	99
48) 3-Nitroaniline	14.47	138	75816	23.14 ng/ul	95
49) Acenaphthene	14.63	153	326971	22.55 ng/ul	98
50) 2,4-Dinitrophenol	14.67	184	33368	13.42 ng/ul	92
52) 4-Nitrophenol	14.76	109	127043	20.38 ng/ul#	86
53) Dibenzofuran	14.96	168	484950	21.75 ng/ul	97
54) 2,4-Dinitrotoluene	14.92	165	115423	21.71 ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	15.18	232	116554	21.12 ng/ul	99
56) Diethylphthalate	15.37	149	426808	21.71 ng/ul	99
58) Fluorene	15.61	166	404473	21.71 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.60	204	238530	22.10 ng/ul	96
60) 4-Nitroaniline	15.63	138	83012	22.74 ng/ul	76
63) 4,6-Dinitro-2-methylphenol	15.68	198	73987	19.13 ng/ul#	86
64) N-Nitrosodiphenylamine	15.82	169	361928	22.79 ng/ul	98
65) 4-Bromophenyl-phenylether	16.49	248	156479	22.95 ng/ul	96
66) Hexachlorobenzene	16.60	284	165417	22.37 ng/ul	93
67) Atrazine	16.76	200	152025	20.91 ng/ul	95
68) Pentachlorophenol	16.95	266	96262	19.83 ng/ul	95
69) Phenanthrene	17.35	178	694785	22.46 ng/ul	99
71) Anthracene	17.44	178	693174	21.91 ng/ul	99
72) Carbazole	17.71	167	597170	21.52 ng/ul	96
73) Di-n-butylphthalate	18.26	149	741880	22.23 ng/ul	99
74) Fluoranthene	19.36	202	864886	21.52 ng/ul	99
77) Pyrene	19.72	202	881316	21.62 ng/ul	98
78) Butylbenzylphthalate	20.60	149	334358	22.03 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.39	252	293041	20.62 ng/ul#	97
80) Benzo(a)anthracene	21.46	228	893126	21.86 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.37	149	457149	21.68 ng/ul	96
82) Chrysene	21.52	228	831870	21.90 ng/ul	99
84) Di-n-octyl phthalate	22.28	149	763515	20.09 ng/ul	100
85) Benzo(b)fluoranthene	23.12	252	799614	21.02 ng/ul	95
86) Benzo(k)fluoranthene	23.16	252	782370	21.65 ng/ul	99
88) Benzo(a)pyrene	23.73	252	757054	21.68 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.24	276	818527	23.35 ng/ul	99
90) Dibenzo(a,h)anthracene	26.25	278	710886	23.43 ng/ul	99
91) Benzo(g,h,i)perylene	26.99	276	681922	23.93 ng/ul	96

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

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