Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102817\
Data File : BM012523.D
Acq On : 28 Oct 2017 14:17
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02067

Quant Time: Oct 30 08:15:18 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	468935	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1713436	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	940325	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1998864	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2200138	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2515014	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	81358	8.86	ng/uL	0.00
5) Phenol-d5	7.04	99	688305	17.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	418075	17.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	558895	19.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	553084	16.52	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	256305	23.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	283703	25.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	572959	19.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	633119	20.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	1455739	17.72	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1885045	19.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	227342	18.62	ng/ul	0.00
57) Fluorene-d10	15.49	176	1229610	17.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	184181	19.04	ng/ul	0.01
70) Anthracene-d10	17.34	188	1848543	19.41	ng/ul	0.00
76) Pyrene-d10	19.63	212	1975661	19.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	2235115	18.71	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	85538	8.725	ng/uL#	63
4) Benzaldehyde	7.02	77	479360	22.504	ng/ul	92
6) Phenol	7.07	94	715726	17.548	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.30	93	541612	18.057	ng/ul	98
10) 2-Chlorophenol	7.44	128	572530	19.068	ng/ul	96
11) 2-Methylphenol	8.32	108	511570	16.634	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.41	45	597437	18.128	ng/ul#	81
14) Acetophenone	8.69	105	848500	16.130	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.67	70	446170	15.542	ng/ul#	65
16) 4-Methylphenol	8.64	108	551134	16.373	ng/ul	90
17) Hexachloroethane	8.95	117	244433	19.210	ng/ul	89
20) Nitrobenzene	9.07	77	663682	21.470	ng/ul	96
21) Isophorone	9.60	82	1149894	17.577	ng/ul#	95
23) 2-Nitrophenol	9.78	139	303691	24.723	ng/ul#	78
24) 2,4-Dimethylphenol	9.84	107	633138	18.320	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.07	93	691385	18.806	ng/ul	93
27) 2,4-Dichlorophenol	10.32	162	557293	19.506	ng/ul#	92
28) Naphthalene	10.72	128	1663595	19.581	ng/ul	99
30) 4-Chloroaniline	10.82	127	639862	20.577	ng/ul	94
31) Hexachlorobutadiene	11.00	225	429537	19.597	ng/ul	94
32) Caprolactam	11.60	113	148005	15.996	ng/ul#	45
33) 4-Chloro-3-methylphenol	11.95	107	534344	16.647	ng/ul	97
34) 2-Methylnaphthalene	12.33	142	1206202	17.483	ng/ul	100

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36) 1,2,4,5-Tetrachlorobenzene	12.69	216	708075	21.264 ng/ul	97
37) Hexachlorocyclopentadiene	12.67	237	697376	32.430 ng/ul	99
38) 2,4,6-Trichlorophenol	12.93	196	442036	22.169 ng/ul	96
39) 2,4,5-Trichlorophenol	13.01	196	456581	21.603 ng/ul	97
40) 1,1'-Biphenyl	13.33	154	1533018	20.435 ng/ul	99
41) 2-Chloronaphthalene	13.37	162	1213807	20.626 ng/ul	99
42) 2-Nitroaniline	13.58	65	334300	24.427 ng/ul	96
44) Dimethylphthalate	13.96	163	1446640	17.803 ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	292972	22.689 ng/ul	92
47) Acenaphthylene	14.22	152	1815446	19.576 ng/ul	99
48) 3-Nitroaniline	14.40	138	283152	23.402 ng/ul	91
49) Acenaphthene	14.57	153	1211156	19.067 ng/ul	99
50) 2,4-Dinitrophenol	14.62	184	115129	15.883 ng/ul	94
52) 4-Nitrophenol	14.72	109	210655	17.002 ng/ul#	82
53) Dibenzofuran	14.90	168	1742794	18.540 ng/ul	98
54) 2,4-Dinitrotoluene	14.87	165	408740	21.135 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.13	232	387528	19.811 ng/ul#	92
56) Diethylphthalate	15.32	149	1386945	16.743 ng/ul	96
58) Fluorene	15.55	166	1397376	17.576 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.54	204	757098	17.502 ng/ul	99
60) 4-Nitroaniline	15.56	138	304703	20.089 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.63	198	198335	18.641 ng/ul#	88
64) N-Nitrosodiphenylamine	15.76	169	1193405	20.545 ng/ul	99
65) 4-Bromophenyl-phenylether	16.43	248	483798	20.204 ng/ul	98
66) Hexachlorobenzene	16.56	284	527145	19.902 ng/ul	96
67) Atrazine	16.71	200	468967	18.774 ng/ul	94
68) Pentachlorophenol	16.90	266	284152	19.615 ng/ul	98
69) Phenanthrene	17.29	178	2090018	19.335 ng/ul	99
71) Anthracene	17.38	178	2190628	19.608 ng/ul	99
72) Carbazole	17.64	167	1842282	19.907 ng/ul	100
73) Di-n-butylphthalate	18.21	149	2242159	18.998 ng/ul#	98
74) Fluoranthene	19.30	202	2460971	20.092 ng/ul#	92
77) Pyrene	19.66	202	2546798	20.356 ng/ul#	93
78) Butylbenzylphthalate	20.55	149	998375	20.254 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.33	252	918378	19.020 ng/ul	96
80) Benzo(a)anthracene	21.40	228	2582613	19.603 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	1468870	19.586 ng/ul	99
82) Chrysene	21.46	228	2315147	19.764 ng/ul	99
84) Di-n-octyl phthalate	22.23	149	2541861	19.484 ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	2840759	18.272 ng/ul#	98
86) Benzo(k)fluoranthene	23.07	252	2756280	18.836 ng/ul#	98
88) Benzo(a)pyrene	23.63	252	2798731	18.881 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.07	276	3486295	19.984 ng/ul#	95
90) Dibenzo(a,h)anthracene	26.09	278	2931379	19.820 ng/ul#	97
91) Benzo(g,h,i)perylene	26.79	276	2877338	20.351 ng/ul#	96

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

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