Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013103.D
Acq On : 23 Nov 2017 02:15
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02046

Quant Time: Nov 23 22:04:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 23 06:16:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	202150	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	787602	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	423015	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	900790	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	903141	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	884950	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	31488	7.22	ng/uL	0.00
5) Phenol-d5	6.89	99	296727	16.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	174544	17.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	242010	17.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	238988	16.66	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	118489	21.11	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.58	143	124112	23.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	247073	18.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	296144	20.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	656925	17.70	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	865279	18.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	99211	17.63	ng/ul	0.00
57) Fluorene-d10	15.34	176	569172	18.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	88566	22.68	ng/ul	0.00
70) Anthracene-d10	17.19	188	821188	17.81	ng/ul	0.00
76) Pyrene-d10	19.49	212	866386	18.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	831532	18.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	34023	7.096	ng/uL#	67
4) Benzaldehyde	6.86	77	205369	21.763	ng/ul	89
6) Phenol	6.92	94	303941	17.587	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.15	93	235245	18.079	ng/ul	97
10) 2-Chlorophenol	7.28	128	249323	17.999	ng/ul	95
11) 2-Methylphenol	8.15	108	227566	17.347	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.25	45	244326	16.551	ng/ul#	81
14) Acetophenone	8.53	105	382000	17.378	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.52	70	192068	17.036	ng/ul#	71
16) 4-Methylphenol	8.48	108	237930	17.080	ng/ul	91
17) Hexachloroethane	8.78	117	111837	19.064	ng/ul#	79
20) Nitrobenzene	8.90	77	300560	21.430	ng/ul	93
21) Isophorone	9.43	82	494772	17.216	ng/ul	95
23) 2-Nitrophenol	9.61	139	133542	22.982	ng/ul#	86
24) 2,4-Dimethylphenol	9.67	107	282709	18.495	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.91	93	305762	18.541	ng/ul	94
27) 2,4-Dichlorophenol	10.15	162	240590	19.103	ng/ul	92
28) Naphthalene	10.54	128	767624	18.915	ng/ul	98
30) 4-Chloroaniline	10.66	127	292418	21.522	ng/ul	93
31) Hexachlorobutadiene	10.83	225	190325	20.986	ng/ul	98
32) Caprolactam	11.42	113	65056	16.450	ng/ul#	39
33) 4-Chloro-3-methylphenol	11.79	107	238306	17.764	ng/ul	95
34) 2-Methylnaphthalene	12.16	142	556268	18.734	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	12.53	216	314113	20.414	ng/ul	98
37) Hexachlorocyclopentadiene	12.50	237	176372	15.499	ng/ul	99
38) 2,4,6-Trichlorophenol	12.77	196	189239	20.407	ng/ul	99
39) 2,4,5-Trichlorophenol	12.85	196	200659	20.696	ng/ul	98
40) 1,1'-Biphenyl	13.18	154	710869	19.945	ng/ul	99
41) 2-Chloronaphthalene	13.22	162	568467	20.124	ng/ul	97
42) 2-Nitroaniline	13.43	65	152371	25.398	ng/ul	96
44) Dimethylphthalate	13.81	163	650711	18.339	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	133909	24.735	ng/ul	98
47) Acenaphthylene	14.07	152	841818	19.328	ng/ul	97
48) 3-Nitroaniline	14.26	138	122533	24.165	ng/ul	92
49) Acenaphthene	14.42	153	560437	19.147	ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	56735	21.891	ng/ul	97
52) 4-Nitrophenol	14.57	109	109009	21.375	ng/ul#	80
53) Dibenzofuran	14.75	168	802632	19.144	ng/ul	98
54) 2,4-Dinitrotoluene	14.72	165	184478	24.360	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	14.97	232	164712	20.286	ng/ul#	91
56) Diethylphthalate	15.18	149	643214	17.930	ng/ul	94
58) Fluorene	15.40	166	658973	19.085	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.40	204	346173	18.978	ng/ul	96
60) 4-Nitroaniline	15.42	138	131825	19.769	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.48	198	97806	23.057	ng/ul#	89
64) N-Nitrosodiphenylamine	15.62	169	543844	19.230	ng/ul	96
65) 4-Bromophenyl-phenylether	16.29	248	211769	19.410	ng/ul	95
66) Hexachlorobenzene	16.40	284	225751	19.172	ng/ul#	91
67) Atrazine	16.57	200	202411	18.685	ng/ul	92
68) Pentachlorophenol	16.74	266	113607	18.707	ng/ul	97
69) Phenanthrene	17.14	178	967077	19.087	ng/ul	99
71) Anthracene	17.23	178	997875	18.981	ng/ul	100
72) Carbazole	17.50	167	816301	17.956	ng/ul	99
73) Di-n-butylphthalate	18.07	149	977199	16.875	ng/ul	98
74) Fluoranthene	19.16	202	1093138	17.850	ng/ul#	94
77) Pyrene	19.52	202	1128433	20.066	ng/ul#	93
78) Butylbenzylphthalate	20.43	149	415797	17.795	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.20	252	389987	21.010	ng/ul	92
80) Benzo(a)anthracene	21.26	228	1089264	18.845	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.21	149	607524	17.641	ng/ul	99
82) Chrysene	21.32	228	981456	18.311	ng/ul	99
84) Di-n-octyl phthalate	22.09	149	985871	16.906	ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	1079501	18.876	ng/ul#	96
86) Benzo(k)fluoranthene	22.89	252	1030568	19.573	ng/ul#	98
88) Benzo(a)pyrene	23.41	252	1032774	19.391	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.75	276	1204342	19.359	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.76	278	1018217	19.321	ng/ul#	97
91) Benzo(g,h,i)perylene	26.43	276	986730	19.089	ng/ul#	96

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

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