Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012098.D
Acq On : 12 Oct 2017 09:05
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02042

Quant Time: Oct 12 15:19:20 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 05:27:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	307819	20.00	ng/ul	0.01
18) Naphthalene-d8	10.66	136	1256177	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.50	164	689300	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.25	188	1332436	20.00	ng/ul	0.02
75) Chrysene-d12	21.43	240	1436395	20.00	ng/ul	0.02
83) Perylene-d12	23.76	264	1495597	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	47527	7.30	ng/uL	0.00
5) Phenol-d5	7.02	99	502427	18.97	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.18	67	297375	18.97	ng/ul	0.01
9) 2-Chlorophenol-d4	7.39	132	437603	20.60	ng/ul	0.02
13) 4-Methylphenol-d8	8.57	113	418261	18.27	ng/ul	0.02
19) Nitrobenzene-d5	9.02	128	202672	22.66	ng/ul	0.02
22) 2-Nitrophenol-d4	9.75	143	208925	20.73	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.29	165	436486	21.44	ng/ul	0.02
29) 4-Chloroaniline-d4	10.80	131	530238	23.86	ng/ul	0.02
43) Dimethylphthalate-d6	13.91	166	1232834	20.64	ng/ul	0.02
46) Acenaphthylene-d8	14.20	160	1494657	21.29	ng/ul	0.02
51) 4-Nitrophenol-d4	14.73	143	157894	15.13	ng/ul	0.04
57) Fluorene-d10	15.50	176	993836	18.85	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.64	200	48331	5.39	ng/ul	0.04
70) Anthracene-d10	17.35	188	1365832	20.80	ng/ul	0.02
76) Pyrene-d10	19.64	212	1388149	21.42	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.61	264	1482994	20.61	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	51599	7.803	ng/uL#	65
4) Benzaldehyde	6.99	77	288599	21.868	ng/ul	93
6) Phenol	7.05	94	491349	18.749	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.27	93	379185	19.270	ng/ul	98
10) 2-Chlorophenol	7.42	128	419934	20.227	ng/ul	98
11) 2-Methylphenol	8.30	108	372243	18.676	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.39	45	475193	18.883	ng/ul#	87
14) Acetophenone	8.68	105	607234	18.127	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.66	70	323067	18.845	ng/ul#	70
16) 4-Methylphenol	8.63	108	403237	18.075	ng/ul	94
17) Hexachloroethane	8.93	117	124461	14.942	ng/ul	85
20) Nitrobenzene	9.06	77	472509	21.863	ng/ul	93
21) Isophorone	9.59	82	840545	20.857	ng/ul#	94
23) 2-Nitrophenol	9.77	139	212913	20.105	ng/ul#	74
24) 2,4-Dimethylphenol	9.83	107	470855	20.731	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.06	93	507870	20.523	ng/ul	96
27) 2,4-Dichlorophenol	10.32	162	413967	21.068	ng/ul	93
28) Naphthalene	10.71	128	1284839	20.390	ng/ul	100
30) 4-Chloroaniline	10.83	127	497416	22.815	ng/ul	94
31) Hexachlorobutadiene	10.98	225	308457	21.397	ng/ul	96
32) Caprolactam	11.63	113	117459	18.233	ng/ul#	40
33) 4-Chloro-3-methylphenol	11.96	107	413631	19.367	ng/ul	94
34) 2-Methylnaphthalene	12.32	142	938667	19.535	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	523369	22.382 ng/ul	96
37) Hexachlorocyclopentadiene	12.66	237	22267	1.636 ng/ul	93
38) 2,4,6-Trichlorophenol	12.94	196	341123	22.968 ng/ul	96
39) 2,4,5-Trichlorophenol	13.02	196	347362	22.222 ng/ul	98
40) 1,1'-Biphenyl	13.33	154	1196051	21.703 ng/ul	99
41) 2-Chloronaphthalene	13.38	162	934269	21.665 ng/ul	98
42) 2-Nitroaniline	13.59	65	252343	23.051 ng/ul	91
44) Dimethylphthalate	13.96	163	1180944	20.548 ng/ul	98
45) 2,6-Dinitrotoluene	14.09	165	227211	20.968 ng/ul	89
47) Acenaphthylene	14.23	152	1429700	21.004 ng/ul	99
48) 3-Nitroaniline	14.42	138	218191	21.676 ng/ul	87
49) Acenaphthene	14.57	153	950700	20.184 ng/ul	99
50) 2,4-Dinitrophenol	14.66	184	20397	2.848 ng/ul	95
52) 4-Nitrophenol	14.74	109	133135	15.961 ng/ul	82
53) Dibenzofuran	14.90	168	1341583	19.625 ng/ul	100
54) 2,4-Dinitrotoluene	14.89	165	300219	18.738 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.14	232	286383	18.761 ng/ul#	89
56) Diethylphthalate	15.32	149	1166641	19.999 ng/ul	95
58) Fluorene	15.56	166	1064788	18.652 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.54	204	576308	19.088 ng/ul	95
60) 4-Nitroaniline	15.59	138	202307	17.253 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.66	198	50801	5.546 ng/ul#	94
64) N-Nitrosodiphenylamine	15.76	169	909493	23.629 ng/ul	99
65) 4-Bromophenyl-phenylether	16.44	248	344233	23.064 ng/ul	99
66) Hexachlorobenzene	16.56	284	360622	21.611 ng/ul#	90
67) Atrazine	16.71	200	327558	21.495 ng/ul	92
68) Pentachlorophenol	16.91	266	172795	16.461 ng/ul	99
69) Phenanthrene	17.30	178	1474249	20.114 ng/ul	98
71) Anthracene	17.39	178	1531805	20.540 ng/ul	99
72) Carbazole	17.66	167	1244432	19.264 ng/ul	99
73) Di-n-butylphthalate	18.20	149	1771904	22.891 ng/ul#	98
74) Fluoranthene	19.31	202	1627445	18.199 ng/ul#	91
77) Pyrene	19.67	202	1688552	21.201 ng/ul#	90
78) Butylbenzylphthalate	20.55	149	767416	24.598 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.34	252	655197	24.502 ng/ul#	96
80) Benzo(a)anthracene	21.42	228	1819370	22.110 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.32	149	1110942	23.936 ng/ul	100
82) Chrysene	21.47	228	1657754	21.203 ng/ul	98
84) Di-n-octyl phthalate	22.22	149	1914492	21.911 ng/ul#	78
85) Benzo(b)fluoranthene	23.06	252	1839748	20.238 ng/ul#	95
86) Benzo(k)fluoranthene	23.10	252	1815720	20.006 ng/ul#	94
88) Benzo(a)pyrene	23.66	252	1809340	20.713 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.16	276	2094688	22.409 ng/ul#	89
90) Dibenzo(a,h)anthracene	26.16	278	1735976	22.601 ng/ul#	92
91) Benzo(g,h,i)perylene	26.90	276	1751284	22.649 ng/ul#	92

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

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