Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012071.D
Acq On : 11 Oct 2017 14:04
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02040

Quant Time: Oct 12 01:17:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	211853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	884250	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	521121	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1193072	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1348102	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1395520	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	37807	8.44	ng/uL	0.00
5) Phenol-d5	7.00	99	348371	19.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	213509	19.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	306894	20.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	292266	18.55	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	139976	22.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	162178	22.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	302873	21.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	366532	23.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	923098	20.44	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1114753	21.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	146358	18.55	ng/ul	0.00
57) Fluorene-d10	15.48	176	787121	19.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	155990	19.43	ng/ul	0.00
70) Anthracene-d10	17.33	188	1223166	20.81	ng/ul	0.00
76) Pyrene-d10	19.62	212	1370713	22.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1384311	20.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	38474	8.453	ng/uL#	71
4) Benzaldehyde	6.98	77	202182	22.260	ng/ul	90
6) Phenol	7.03	94	341995	18.962	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.26	93	264979	19.566	ng/ul	95
10) 2-Chlorophenol	7.40	128	291906	20.429	ng/ul	97
11) 2-Methylphenol	8.28	108	257336	18.760	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	338096	19.521	ng/ul#	87
14) Acetophenone	8.67	105	428327	18.578	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.65	70	227732	19.302	ng/ul#	72
16) 4-Methylphenol	8.61	108	280660	18.279	ng/ul	92
17) Hexachloroethane	8.92	117	120205	20.967	ng/ul	81
20) Nitrobenzene	9.05	77	330430	21.720	ng/ul	93
21) Isophorone	9.57	82	593935	20.936	ng/ul	95
23) 2-Nitrophenol	9.76	139	163553	21.940	ng/ul#	78
24) 2,4-Dimethylphenol	9.81	107	328332	20.536	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.05	93	361264	20.739	ng/ul	93
27) 2,4-Dichlorophenol	10.29	162	287631	20.796	ng/ul#	90
28) Naphthalene	10.69	128	906872	20.445	ng/ul	99
30) 4-Chloroaniline	10.80	127	355012	23.133	ng/ul	95
31) Hexachlorobutadiene	10.97	225	209558	20.651	ng/ul#	89
32) Caprolactam	11.59	113	87933	19.391	ng/ul#	45
33) 4-Chloro-3-methylphenol	11.93	107	302858	20.144	ng/ul	95
34) 2-Methylnaphthalene	12.30	142	663689	19.622	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	367209	20.772 ng/ul	96
37) Hexachlorocyclopentadiene	12.65	237	167146	16.245 ng/ul	98
38) 2,4,6-Trichlorophenol	12.92	196	245323	21.849 ng/ul	98
39) 2,4,5-Trichlorophenol	12.99	196	255327	21.606 ng/ul	99
40) 1,1'-Biphenyl	13.32	154	862508	20.701 ng/ul	98
41) 2-Chloronaphthalene	13.36	162	682302	20.928 ng/ul	99
42) 2-Nitroaniline	13.57	65	193226	23.347 ng/ul	95
44) Dimethylphthalate	13.94	163	889952	20.482 ng/ul	100
45) 2,6-Dinitrotoluene	14.07	165	177307	21.643 ng/ul	92
47) Acenaphthylene	14.21	152	1082811	21.041 ng/ul	99
48) 3-Nitroaniline	14.40	138	160836	21.135 ng/ul	88
49) Acenaphthene	14.55	153	721185	20.252 ng/ul	98
50) 2,4-Dinitrophenol	14.62	184	94665	17.485 ng/ul	97
52) 4-Nitrophenol	14.70	109	125765	19.943 ng/ul#	81
53) Dibenzofuran	14.89	168	1045810	20.235 ng/ul	100
54) 2,4-Dinitrotoluene	14.86	165	256235	21.154 ng/ul	85
55) 2,3,4,6-Tetrachlorophenol	15.11	232	234136	20.288 ng/ul#	87
56) Diethylphthalate	15.30	149	909129	20.614 ng/ul	95
58) Fluorene	15.53	166	849538	19.684 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.53	204	448949	19.669 ng/ul	97
60) 4-Nitroaniline	15.56	138	164520	18.559 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.62	198	156526	19.084 ng/ul#	89
64) N-Nitrosodiphenylamine	15.74	169	728629	21.141 ng/ul	98
65) 4-Bromophenyl-phenylether	16.42	248	274974	20.576 ng/ul	96
66) Hexachlorobenzene	16.54	284	310787	20.800 ng/ul#	90
67) Atrazine	16.69	200	284248	20.832 ng/ul	95
68) Pentachlorophenol	16.88	266	188803	20.087 ng/ul	96
69) Phenanthrene	17.27	178	1322521	20.152 ng/ul	99
71) Anthracene	17.36	178	1370570	20.525 ng/ul	99
72) Carbazole	17.63	167	1161453	20.080 ng/ul	99
73) Di-n-butylphthalate	18.19	149	1528928	22.059 ng/ul#	97
74) Fluoranthene	19.29	202	1614527	20.163 ng/ul#	90
77) Pyrene	19.65	202	1670218	22.344 ng/ul#	89
78) Butylbenzylphthalate	20.54	149	713627	24.372 ng/ul	88
79) 3,3'-Dichlorobenzidine	21.33	252	530989	21.158 ng/ul#	95
80) Benzo(a)anthracene	21.39	228	1669373	21.616 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	1073978	24.655 ng/ul#	96
82) Chrysene	21.44	228	1532319	20.882 ng/ul	99
84) Di-n-octyl phthalate	22.20	149	1777509	21.802 ng/ul	97
85) Benzo(b)fluoranthene	23.02	252	1736194	20.468 ng/ul#	98
86) Benzo(k)fluoranthene	23.07	252	1605202	18.955 ng/ul#	97
88) Benzo(a)pyrene	23.62	252	1670098	20.490 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	1991373	22.831 ng/ul#	92
90) Dibenzo(a,h)anthracene	26.09	278	1670839	23.313 ng/ul#	95
91) Benzo(g,h,i)perylene	26.81	276	1708850	23.685 ng/ul#	93

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

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