Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030617\
Data File : BM009093.D
Acq On : 06 Mar 2017 23:04
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02044

Quant Time: Mar 07 04:19:29 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 03:54:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	134165	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.69	136	530860	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.53	164	388249	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.27	188	823023	20.00	ng/ul	-0.01
75) Chrysene-d12	21.44	240	1086344	20.00	ng/ul	-0.01
83) Perylene-d12	23.79	264	1090248	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	27875	8.34	ng/uL	0.00
5) Phenol-d5	7.04	99	249627	20.53	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.22	67	182699	20.98	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.42	132	164654	20.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	177740	19.91	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	76620	20.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	84827	20.69	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.30	165	176985	20.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.83	131	203954	22.48	ng/ul	-0.01
43) Dimethylphthalate-d6	13.93	166	509252	19.48	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	653203	20.35	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.72	143	86906	19.04	ng/ul	-0.01
57) Fluorene-d10	15.52	176	505402	20.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	88829	17.93	ng/ul	-0.01
70) Anthracene-d10	17.37	188	801457	20.57	ng/ul	0.00
76) Pyrene-d10	19.66	212	917287	19.37	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.63	264	997733	20.16	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	31988	8.19	ng/uL#	78
4) Benzaldehyde	7.03	77	201138	22.00	ng/ul#	82
6) Phenol	7.07	94	261710	20.39	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.31	93	204916	20.36	ng/ul	86
10) 2-Chlorophenol	7.45	128	177707	21.06	ng/ul#	80
11) 2-Methylphenol	8.32	108	180520	20.29	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.42	45	353974	21.33	ng/ul#	93
14) Acetophenone	8.71	105	308114	19.93	ng/ul#	80
15) N-Nitroso-di-n-propylamine	8.69	70	190836	20.13	ng/ul#	80
16) 4-Methylphenol	8.65	108	193393	20.00	ng/ul	96
17) Hexachloroethane	8.96	117	86280	21.10	ng/ul#	84
20) Nitrobenzene	9.09	77	285568	21.28	ng/ul#	91
21) Isophorone	9.62	82	450757	20.19	ng/ul	98
23) 2-Nitrophenol	9.80	139	88968	20.16	ng/ul#	72
24) 2,4-Dimethylphenol	9.85	107	238410	20.90	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.10	93	263439	20.51	ng/ul	95
27) 2,4-Dichlorophenol	10.33	162	172582	20.46	ng/ul	93
28) Naphthalene	10.74	128	557269	20.94	ng/ul	97
30) 4-Chloroaniline	10.85	127	224116	23.35	ng/ul	96
31) Hexachlorobutadiene	11.01	225	145539	20.66	ng/ul	98
32) Caprolactam	11.63	113	44821	17.72	ng/ul	89
33) 4-Chloro-3-methylphenol	11.96	107	203523	20.59	ng/ul#	94
34) 2-Methylnaphthalene	12.34	142	410669	20.66	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.72	216	257249	20.37	ng/ul#	96
37) Hexachlorocyclopentadiene	12.69	237	150707	18.52	ng/ul	97
38) 2,4,6-Trichlorophenol	12.95	196	145499	20.19	ng/ul	91
39) 2,4,5-Trichlorophenol	13.02	196	152015	19.33	ng/ul	87
40) 1,1'-Biphenyl	13.36	154	546831	20.42	ng/ul	94
41) 2-Chloronaphthalene	13.40	162	424096	20.32	ng/ul	95
42) 2-Nitroaniline	13.61	65	162803	20.48	ng/ul#	82
44) Dimethylphthalate	13.98	163	509949	19.50	ng/ul	99
45) 2,6-Dinitrotoluene	14.11	165	96939	19.45	ng/ul#	70
47) Acenaphthylene	14.25	152	655992	20.86	ng/ul	97
48) 3-Nitroaniline	14.44	138	100116	20.47	ng/ul	84
49) Acenaphthene	14.59	153	473956	21.09	ng/ul	98
50) 2,4-Dinitrophenol	14.64	184	57227	17.72	ng/ul#	73
52) 4-Nitrophenol	14.73	109	122943	21.03	ng/ul#	74
53) Dibenzofuran	14.93	168	690895	20.99	ng/ul	90
54) 2,4-Dinitrotoluene	14.89	165	149384	20.29	ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	15.15	232	146738	20.17	ng/ul#	88
56) Diethylphthalate	15.34	149	531821	19.86	ng/ul#	96
58) Fluorene	15.57	166	567901	20.72	ng/ul	93
59) 4-Chlorophenyl-phenylether	15.57	204	306422	20.67	ng/ul	93
60) 4-Nitroaniline	15.60	138	112306	20.63	ng/ul#	41
63) 4,6-Dinitro-2-methylphenol	15.65	198	95504	18.36	ng/ul#	79
64) N-Nitrosodiphenylamine	15.79	169	487446	20.29	ng/ul	98
65) 4-Bromophenyl-phenylether	16.46	248	186770	19.90	ng/ul	92
66) Hexachlorobenzene	16.57	284	206372	20.06	ng/ul	97
67) Atrazine	16.73	200	186926	19.81	ng/ul	97
68) Pentachlorophenol	16.92	266	114084	17.90	ng/ul#	81
69) Phenanthrene	17.32	178	932152	20.49	ng/ul	99
71) Anthracene	17.41	178	961042	20.71	ng/ul	97
72) Carbazole	17.68	167	827225	20.14	ng/ul	95
73) Di-n-butylphthalate	18.23	149	887709	19.08	ng/ul	97
74) Fluoranthene	19.33	202	1112117	20.22	ng/ul#	94
77) Pyrene	19.69	202	1209572	19.93	ng/ul#	95
78) Butylbenzylphthalate	20.57	149	404016	18.51	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.36	252	428200	20.59	ng/ul	99
80) Benzo(a)anthracene	21.43	228	1255815	20.26	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.34	149	568112	17.95	ng/ul	96
82) Chrysene	21.48	228	1187506	20.15	ng/ul	99
84) Di-n-octyl phthalate	22.24	149	1032301	16.44	ng/ul#	92
85) Benzo(b)fluoranthene	23.07	252	1306694	19.93	ng/ul#	99
86) Benzo(k)fluoranthene	23.12	252	1215271	19.69	ng/ul#	98
88) Benzo(a)pyrene	23.68	252	1276957	20.53	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.17	276	1459387	20.66	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.19	278	1240213	20.61	ng/ul#	96
91) Benzo(g,h,i)perylene	26.90	276	1208466	20.67	ng/ul#	96

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

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