Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009257.D
Acq On : 14 Mar 2017 15:58
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02036

Quant Time: Mar 15 01:53:38 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 01:51:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	148415	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	726277	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	551559	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1472709	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	2150370	20.00	ng/ul	0.00
85) Perylene-d12	23.78	264	2136456	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	27982	8.30	ng/uL	0.00
5) Phenol-d5	7.03	99	294412	18.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	201469	19.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	188302	19.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	242063	18.90	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	102595	19.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	114399	19.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	236069	19.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	300411	20.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	910253	21.73	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1056821	21.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	177007	21.28	ng/ul	0.00
57) Fluorene-d10	15.51	176	817927	21.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	162982	18.50	ng/ul	0.00
70) Anthracene-d10	17.37	188	1359615	19.51	ng/ul	0.00
78) Pyrene-d10	19.66	212	1745385	20.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	1975035	20.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	27442	7.68	ng/uL#	58
4) Benzaldehyde	7.02	77	234746	21.82	ng/ul	84
6) Phenol	7.06	94	315509	18.40	ng/ul#	78
8) Bis(2-Chloroethyl)ether	7.30	93	229170	18.66	ng/ul#	75
10) 2-Chlorophenol	7.44	128	197137	19.48	ng/ul#	77
11) 2-Methylphenol	8.31	108	221497	17.83	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.41	45	397490	19.43	ng/ul#	87
14) Acetophenone	8.70	105	401896	18.68	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.68	70	254372	19.28	ng/ul#	80
16) 4-Methylphenol	8.64	108	271560	19.28	ng/ul	97
17) Hexachloroethane	8.95	117	85498	19.30	ng/ul	96
20) Nitrobenzene	9.08	77	345408	19.97	ng/ul#	79
21) Isophorone	9.60	82	671850	19.64	ng/ul#	93
23) 2-Nitrophenol	9.79	139	126340	20.16	ng/ul#	69
24) 2,4-Dimethylphenol	9.84	107	314434	19.55	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.09	93	367860	19.61	ng/ul#	97
27) 2,4-Dichlorophenol	10.32	162	241193	19.81	ng/ul	94
28) Naphthalene	10.73	128	733315	19.69	ng/ul	98
30) 4-Chloroaniline	10.84	127	313933	20.20	ng/ul	97
31) Hexachlorobutadiene	11.00	225	163892	19.53	ng/ul	95
32) Caprolactam	11.62	113	91503	18.00	ng/ul#	31
33) 4-Chloro-3-methylphenol	11.95	107	323331	20.24	ng/ul	94
34) 2-Methylnaphthalene	12.33	142	582611	19.65	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	367364	22.15 ng/ul#	97
37) Hexachlorocyclopentadiene	12.67	237	177189	18.89 ng/ul	97
38) 2,4,6-Trichlorophenol	12.94	196	232031	22.06 ng/ul	94
39) 2,4,5-Trichlorophenol	13.01	196	260777	21.64 ng/ul	94
40) 1,1'-Biphenyl	13.35	154	833674	21.57 ng/ul#	98
41) 2-Chloronaphthalene	13.39	162	639582	21.39 ng/ul	96
42) 2-Nitroaniline	13.60	65	262949	21.41 ng/ul#	66
44) Dimethylphthalate	13.97	163	902746	21.49 ng/ul	98
45) 2,6-Dinitrotoluene	14.10	165	173341	21.44 ng/ul#	70
47) Acenaphthylene	14.24	152	1049987	21.77 ng/ul	99
48) 3-Nitroaniline	14.43	138	194879	22.64 ng/ul	85
49) Acenaphthene	14.58	153	742026	21.87 ng/ul	99
50) 2,4-Dinitrophenol	14.63	184	104784	19.77 ng/ul#	81
52) 4-Nitrophenol	14.73	109	198560	20.44 ng/ul#	77
53) Dibenzofuran	14.92	168	1086566	21.73 ng/ul	95
54) 2,4-Dinitrotoluene	14.89	165	271663	21.82 ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.14	232	252937	21.87 ng/ul#	88
56) Diethylphthalate	15.33	149	947542	21.54 ng/ul	98
58) Fluorene	15.57	166	919145	21.30 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.56	204	478835	21.60 ng/ul	92
60) 4-Nitroaniline	15.60	138	225178	23.04 ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	15.64	198	179642	19.41 ng/ul#	82
64) N-Nitrosodiphenylamine	15.77	169	825969	19.96 ng/ul	99
65) 4-Bromophenyl-phenylether	16.45	248	312282	19.63 ng/ul	87
66) Hexachlorobenzene	16.56	284	349857	19.77 ng/ul	94
67) Atrazine	16.72	200	332622	19.22 ng/ul	98
68) Pentachlorophenol	16.91	266	211359	18.18 ng/ul	97
69) Phenanthrene	17.31	178	1622046	19.79 ng/ul	100
71) Anthracene	17.40	178	1646963	19.70 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	342515	19.80 ng/uL	97
73) Pentachlorobenzene	14.83	250	364834	19.64 ng/uL	98
74) Carbazole	17.67	167	1525760	19.56 ng/ul	99
75) Di-n-butylphthalate	18.22	149	1757171	19.54 ng/ul#	98
76) Fluoranthene	19.32	202	2097028	20.30 ng/ul	98
79) Pyrene	19.69	202	2209130	19.77 ng/ul	98
80) Butylbenzylphthalate	20.57	149	866639	19.30 ng/ul#	77
81) 3,3'-Dichlorobenzidine	21.36	252	840362	20.63 ng/ul#	98
82) Benzo(a)anthracene	21.43	228	2428225	19.75 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.34	149	1305817	18.68 ng/ul#	98
84) Chrysene	21.48	228	2271527	19.59 ng/ul	98
86) Di-n-octyl phthalate	22.24	149	2283543	19.87 ng/ul#	87
87) Benzo(b)fluoranthene	23.07	252	2525811	20.00 ng/ul#	98
88) Benzo(k)fluoranthene	23.11	252	2440634	20.22 ng/ul#	97
90) Benzo(a)pyrene	23.67	252	2457777	20.02 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.17	276	2881732	19.57 ng/ul#	92
92) Dibenzo(a,h)anthracene	26.18	278	2411194	19.36 ng/ul#	95
93) Benzo(g,h,i)perylene	26.90	276	2382810	19.55 ng/ul#	91

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

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