Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023754.D
Acq On : 18 Aug 2016 11:37
Operator : UM/SJ
Sample : SSTD01007
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01007

Quant Time: Aug 18 13:17:57 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 18 13:11:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	104406	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	441190	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	298150	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	729589	20.00	ng/ul	0.00
75) Chrysene-d12	21.84	240	814130	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	773029	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	9343	3.80	ng/uL	0.00
5) Phenol-d5	7.26	99	93574	8.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	68012	10.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	67819	9.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	71923	8.76	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	35084	10.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	38305	9.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	71140	9.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	94317	10.67	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	258229	10.58	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	292386	10.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	36601	8.78	ng/ul	0.00
57) Fluorene-d10	15.76	176	222673	9.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	39040	8.34	ng/ul	0.00
70) Anthracene-d10	17.63	188	347199	10.56	ng/ul	0.00
76) Pyrene-d10	19.92	212	404936	9.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	357212	10.21	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	9821	3.81	ng/uL#	84
4) Benzaldehyde	7.23	77	66314	10.34	ng/ul	87
6) Phenol	7.29	94	96527	8.81	ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.50	93	75941	9.55	ng/ul	88
10) 2-Chlorophenol	7.66	128	68574	9.38	ng/ul#	82
11) 2-Methylphenol	8.55	108	71682	8.69	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.63	45	110647	10.17	ng/ul#	96
14) Acetophenone	8.93	105	128301	9.74	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.90	70	76852	9.70	ng/ul#	84
16) 4-Methylphenol	8.88	108	79234	8.57	ng/ul	96
17) Hexachloroethane	9.18	117	30806	9.77	ng/ul#	86
20) Nitrobenzene	9.32	77	106173	10.42	ng/ul#	76
21) Isophorone	9.84	82	193863	10.34	ng/ul#	92
23) 2-Nitrophenol	10.04	139	42839	9.93	ng/ul#	56
24) 2,4-Dimethylphenol	10.10	107	93853	9.92	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.32	93	111571	10.32	ng/ul	98
27) 2,4-Dichlorophenol	10.58	162	73139	9.63	ng/ul	93
28) Naphthalene	10.98	128	235020	10.49	ng/ul	98
30) 4-Chloroaniline	11.10	127	91942	10.48	ng/ul	92
31) Hexachlorobutadiene	11.26	225	52007	10.28	ng/ul	92
32) Caprolactam	11.87	113	27903	8.84	ng/ul#	44
33) 4-Chloro-3-methylphenol	12.23	107	89983	9.20	ng/ul#	82
34) 2-Methylnaphthalene	12.59	142	175942	9.69	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.96	216	97493	10.65	ng/ul	98
37) Hexachlorocyclopentadiene	12.93	237	28282	5.59	ng/ul#	77
38) 2,4,6-Trichlorophenol	13.20	196	64138	10.12	ng/ul	98
39) 2,4,5-Trichlorophenol	13.29	196	65980	9.71	ng/ul	94
40) 1,1'-Biphenyl	13.60	154	240209	10.96	ng/ul	96
41) 2-Chloronaphthalene	13.64	162	180672	10.60	ng/ul	97
42) 2-Nitroaniline	13.85	65	70394	10.12	ng/ul#	65
44) Dimethylphthalate	14.21	163	258142	10.68	ng/ul	98
45) 2,6-Dinitrotoluene	14.35	165	54092	10.32	ng/ul#	83
47) Acenaphthylene	14.49	152	306722	10.67	ng/ul	98
48) 3-Nitroaniline	14.68	138	49734	10.09	ng/ul#	72
49) Acenaphthene	14.84	153	198934	10.16	ng/ul	98
50) 2,4-Dinitrophenol	14.96	184	1504	0.47	ng/ul	87
52) 4-Nitrophenol	15.01	109	37110	8.89	ng/ul#	67
53) Dibenzofuran	15.17	168	298020	10.27	ng/ul	94
54) 2,4-Dinitrotoluene	15.14	165	80633	10.15	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.41	232	59606	8.54	ng/ul	94
56) Diethylphthalate	15.57	149	270882	10.72	ng/ul	99
58) Fluorene	15.82	166	242433	10.03	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.81	204	118784	9.77	ng/ul	94
60) 4-Nitroaniline	15.85	138	52683	9.22	ng/ul#	62
63) 4,6-Dinitro-2-methylphenol	15.91	198	42087	8.57	ng/ul#	87
64) N-Nitrosodiphenylamine	16.02	169	217541	10.67	ng/ul	96
65) 4-Bromophenyl-phenylether	16.70	248	82227	9.83	ng/ul	94
66) Hexachlorobenzene	16.83	284	88118	9.89	ng/ul	93
67) Atrazine	16.97	200	92283	10.96	ng/ul	97
68) Pentachlorophenol	17.19	266	27535	5.60	ng/ul	90
69) Phenanthrene	17.57	178	404724	10.71	ng/ul	97
71) Anthracene	17.67	178	420439	10.91	ng/ul	98
72) Carbazole	17.94	167	365611	11.77	ng/ul	97
73) Di-n-butylphthalate	18.48	149	478247	12.29	ng/ul#	98
74) Fluoranthene	19.59	202	497182	12.85	ng/ul#	90
77) Pyrene	19.95	202	514153	10.22	ng/ul#	90
78) Butylbenzylphthalate	20.82	149	224367	11.62	ng/ul#	89
79) 3,3'-Dichlorobenzidine	21.73	252	162715	11.34	ng/ul#	96
80) Benzo(a)anthracene	21.82	228	494999	10.80	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.70	149	299799	11.68	ng/ul#	99
82) Chrysene	21.89	228	448254	10.75	ng/ul	98
84) Di-n-octyl phthalate	22.95	149	496301	12.71	ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	460466	10.47	ng/ul#	94
86) Benzo(k)fluoranthene	24.21	252	441341	10.20	ng/ul#	91
88) Benzo(a)pyrene	25.06	252	438804	10.34	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.09	276	498770	10.00	ng/ul#	85
90) Dibenzo(a,h)anthracene	29.15	278	433323	10.19	ng/ul#	88
91) Benzo(g,h,i)perylene	30.31	276	412592	9.98	ng/ul#	82

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

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