Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025659.D
Acq On : 26 Jan 2017 8:08
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02019

Quant Time: Jan 26 10:57:41 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 18:08:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	86918	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	395098	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	312108	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	696315	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	822862	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	833478	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	12010	6.91	ng/uL	0.00
5) Phenol-d5	7.34	99	160179	21.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	106648	22.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	115110	21.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	130265	20.57	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	60838	21.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	71458	21.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	133657	20.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	160984	21.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	468759	21.27	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	531995	22.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	56155	18.59	ng/ul	0.00
57) Fluorene-d10	15.79	176	445256	21.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	88224	20.54	ng/ul	0.00
70) Anthracene-d10	17.66	188	649150	21.90	ng/ul	0.00
76) Pyrene-d10	19.93	212	742624	21.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	756685	21.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	15884	7.74	ng/uL#	86
4) Benzaldehyde	7.32	77	129896	25.32	ng/ul	93
6) Phenol	7.36	94	163216	20.85	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.59	93	122021	21.83	ng/ul	95
10) 2-Chlorophenol	7.74	128	113320	21.78	ng/ul	94
11) 2-Methylphenol	8.63	108	123818	21.24	ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.70	45	244014	22.98	ng/ul	98
14) Acetophenone	9.01	105	201122	20.34	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.98	70	128759	21.75	ng/ul#	94
16) 4-Methylphenol	8.96	108	132509	20.73	ng/ul	91
17) Hexachloroethane	9.25	117	55050	22.72	ng/ul	87
20) Nitrobenzene	9.40	77	194894	21.74	ng/ul	93
21) Isophorone	9.92	82	351207	20.85	ng/ul	97
23) 2-Nitrophenol	10.12	139	79451	23.28	ng/ul	88
24) 2,4-Dimethylphenol	10.17	107	177561	21.58	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.39	93	184838	21.76	ng/ul	98
27) 2,4-Dichlorophenol	10.66	162	137803	21.52	ng/ul	97
28) Naphthalene	11.05	128	395243	21.67	ng/ul	97
30) 4-Chloroaniline	11.18	127	167543	22.57	ng/ul	93
31) Hexachlorobutadiene	11.31	225	115426	20.64	ng/ul	92
32) Caprolactam	11.94	113	52280	19.42	ng/ul	95
33) 4-Chloro-3-methylphenol	12.29	107	170104	21.88	ng/ul	97
34) 2-Methylnaphthalene	12.64	142	311569	20.92	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	213594	22.73 ng/ul#	92
37) Hexachlorocyclopentadiene	12.97	237	81715	22.03 ng/ul	97
38) 2,4,6-Trichlorophenol	13.26	196	126288	22.20 ng/ul	92
39) 2,4,5-Trichlorophenol	13.34	196	131966	22.12 ng/ul	96
40) 1,1'-Biphenyl	13.64	154	430741	22.27 ng/ul	97
41) 2-Chloronaphthalene	13.69	162	342041	22.79 ng/ul	98
42) 2-Nitroaniline	13.91	65	147844	22.72 ng/ul	90
44) Dimethylphthalate	14.25	163	456788	21.08 ng/ul	96
45) 2,6-Dinitrotoluene	14.40	165	99580	22.32 ng/ul#	94
47) Acenaphthylene	14.54	152	519674	22.42 ng/ul	99
48) 3-Nitroaniline	14.74	138	92626	22.95 ng/ul#	85
49) Acenaphthene	14.87	153	362347	21.94 ng/ul	97
50) 2,4-Dinitrophenol	14.97	184	57152	21.79 ng/ul	95
52) 4-Nitrophenol	15.06	109	71705	17.14 ng/ul	93
53) Dibenzofuran	15.21	168	539782	21.27 ng/ul	99
54) 2,4-Dinitrotoluene	15.19	165	145793	21.43 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.44	232	126616	20.06 ng/ul#	94
56) Diethylphthalate	15.60	149	479917	20.48 ng/ul	97
58) Fluorene	15.85	166	446148	21.53 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.83	204	245402	20.99 ng/ul#	86
60) 4-Nitroaniline	15.90	138	89823	22.99 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.96	198	92907	20.98 ng/ul#	95
64) N-Nitrosodiphenylamine	16.05	169	403827	22.50 ng/ul	98
65) 4-Bromophenyl-phenylether	16.73	248	175531	21.72 ng/ul	90
66) Hexachlorobenzene	16.86	284	199902	21.77 ng/ul	96
67) Atrazine	16.99	200	184249	21.85 ng/ul	93
68) Pentachlorophenol	17.22	266	70332	18.41 ng/ul	95
69) Phenanthrene	17.60	178	747933	22.10 ng/ul	99
71) Anthracene	17.69	178	750336	22.05 ng/ul	98
72) Carbazole	17.97	167	641912	22.75 ng/ul	96
73) Di-n-butylphthalate	18.48	149	806075	22.09 ng/ul	98
74) Fluoranthene	19.60	202	888033	22.23 ng/ul	99
77) Pyrene	19.96	202	897658	22.18 ng/ul	98
78) Butylbenzylphthalate	20.81	149	362046	23.01 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.73	252	356772	23.63 ng/ul	97
80) Benzo(a)anthracene	21.83	228	941697	21.66 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.67	149	502191	22.86 ng/ul	98
82) Chrysene	21.90	228	879335	21.50 ng/ul	99
84) Di-n-octyl phthalate	22.92	149	864602	24.17 ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	903805	20.95 ng/ul	98
86) Benzo(k)fluoranthene	24.22	252	896725	22.16 ng/ul	98
88) Benzo(a)pyrene	25.08	252	885530	21.70 ng/ul	100
89) Indeno(1,2,3-cd)pyrene	29.15	276	1103063	21.34 ng/ul	97
90) Dibenzo(a,h)anthracene	29.20	278	913407	21.22 ng/ul	93
91) Benzo(g,h,i)perylene	30.38	276	889928	20.97 ng/ul	99

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

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