Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011817\
Data File : BG025528.D
Acq On : 18 Jan 2017 13:13
Operator : UM/SJ
Sample : SSTD02007
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02007

Quant Time: Jan 18 15:04:04 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 18 14:57:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	55733	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	250907	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	209099	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	533356	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	670301	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	684960	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	8353	7.74	ng/uL	0.00
5) Phenol-d5	7.34	99	97953	20.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	67880	22.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	71273	21.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	81836	20.37	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	38481	21.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	45470	20.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	87564	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	107860	25.76	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	336726	23.41	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	354683	22.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	44406	17.96	ng/ul	0.00
57) Fluorene-d10	15.80	176	308081	22.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	61187	18.55	ng/ul	0.00
70) Anthracene-d10	17.66	188	481306	21.38	ng/ul	0.00
76) Pyrene-d10	19.93	212	611012	22.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	614356	22.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	9994	7.11	ng/uL#	94
4) Benzaldehyde	7.32	77	83063	22.95	ng/ul	98
6) Phenol	7.37	94	101868	20.64	ng/ul#	93
8) Bis(2-Chloroethyl)ether	7.59	93	75593	20.93	ng/ul	99
10) 2-Chlorophenol	7.74	128	70456	20.84	ng/ul	96
11) 2-Methylphenol	8.64	108	74329	20.46	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.71	45	142816	23.26	ng/ul	97
14) Acetophenone	9.02	105	130616	21.36	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.98	70	81560	23.09	ng/ul	93
16) 4-Methylphenol	8.96	108	85166	21.07	ng/ul	96
17) Hexachloroethane	9.26	117	31379	20.95	ng/ul	98
20) Nitrobenzene	9.41	77	121766	22.30	ng/ul	95
21) Isophorone	9.92	82	225235	21.80	ng/ul	97
23) 2-Nitrophenol	10.12	139	44281	19.71	ng/ul#	91
24) 2,4-Dimethylphenol	10.17	107	109944	21.40	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.40	93	112181	21.30	ng/ul	96
27) 2,4-Dichlorophenol	10.67	162	86475	20.91	ng/ul	92
28) Naphthalene	11.06	128	243252	20.86	ng/ul	97
30) 4-Chloroaniline	11.19	127	106577	24.90	ng/ul	95
31) Hexachlorobutadiene	11.32	225	73976	20.80	ng/ul	93
32) Caprolactam	11.95	113	35238	20.52	ng/ul	96
33) 4-Chloro-3-methylphenol	12.29	107	109163	21.41	ng/ul	89
34) 2-Methylnaphthalene	12.66	142	201047	21.84	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	140319	22.26	ng/ul	91
37) Hexachlorocyclopentadiene	12.98	237	41135	11.12	ng/ul#	95
38) 2,4,6-Trichlorophenol	13.26	196	85651	21.63	ng/ul	87
39) 2,4,5-Trichlorophenol	13.35	196	88222	20.33	ng/ul	91
40) 1,1'-Biphenyl	13.64	154	284710	22.46	ng/ul	99
41) 2-Chloronaphthalene	13.70	162	216431	21.45	ng/ul	90
42) 2-Nitroaniline	13.91	65	96245	24.36	ng/ul	94
44) Dimethylphthalate	14.25	163	324197	22.94	ng/ul	99
45) 2,6-Dinitrotoluene	14.40	165	65942	21.71	ng/ul#	88
47) Acenaphthylene	14.54	152	349914	22.85	ng/ul	98
48) 3-Nitroaniline	14.74	138	61294	23.30	ng/ul#	81
49) Acenaphthene	14.87	153	246389	23.48	ng/ul	97
50) 2,4-Dinitrophenol	14.96	184	32569	16.50	ng/ul	93
52) 4-Nitrophenol	15.06	109	59384	19.97	ng/ul	92
53) Dibenzofuran	15.21	168	375730	22.64	ng/ul	97
54) 2,4-Dinitrotoluene	15.19	165	97358	21.27	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.44	232	94144	20.53	ng/ul	96
56) Diethylphthalate	15.60	149	348507	23.28	ng/ul	99
58) Fluorene	15.86	166	304044	22.50	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.83	204	175028	23.01	ng/ul	91
60) 4-Nitroaniline	15.90	138	60343	19.02	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.96	198	67354	19.72	ng/ul#	96
64) N-Nitrosodiphenylamine	16.05	169	293039	21.36	ng/ul	93
65) 4-Bromophenyl-phenylether	16.73	248	131253	21.79	ng/ul	96
66) Hexachlorobenzene	16.86	284	144467	21.30	ng/ul	97
67) Atrazine	16.99	200	138007	21.16	ng/ul	97
68) Pentachlorophenol	17.22	266	52122	12.80	ng/ul	94
69) Phenanthrene	17.60	178	554259	21.77	ng/ul	99
71) Anthracene	17.69	178	564273	21.56	ng/ul	98
72) Carbazole	17.97	167	486039	22.26	ng/ul	96
73) Di-n-butylphthalate	18.48	149	598809	21.72	ng/ul	99
74) Fluoranthene	19.60	202	709993	23.47	ng/ul	98
77) Pyrene	19.96	202	724941	22.50	ng/ul	98
78) Butylbenzylphthalate	20.81	149	271844	21.55	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.73	252	281701	24.11	ng/ul	94
80) Benzo(a)anthracene	21.82	228	764000	21.94	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.67	149	386728	22.27	ng/ul	98
82) Chrysene	21.89	228	726751	22.31	ng/ul	99
84) Di-n-octyl phthalate	22.91	149	658529	23.68	ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	749497	22.07	ng/ul	99
86) Benzo(k)fluoranthene	24.21	252	730756	22.63	ng/ul	97
88) Benzo(a)pyrene	25.07	252	712603	21.82	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.13	276	791667	19.51	ng/ul	96
90) Dibenzo(a,h)anthracene	29.18	278	690581	20.19	ng/ul#	94
91) Benzo(g,h,i)perylene	30.36	276	616215	18.19	ng/ul	95

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

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