Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
Data File : BG029212.D
Acq On : 14 Oct 2017 4:49
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02065

Quant Time: Oct 14 05:52:06 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 05:39:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	78298	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	363401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	221809	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	534035	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	512813	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	515578	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	16483	8.56	ng/uL	0.00
5) Phenol-d5	7.31	99	161199	21.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	97674	20.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	114722	21.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	131625	21.69	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	55951	21.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	56553	21.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	122474	20.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	153778	21.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	395376	20.85	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	477428	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	75444	21.55	ng/ul	0.00
57) Fluorene-d10	15.77	176	325238	20.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	50949	19.54	ng/ul	0.00
70) Anthracene-d10	17.62	188	523180	20.71	ng/ul	0.00
76) Pyrene-d10	19.90	212	563335	21.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	503031	20.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	18882	8.04	ng/uL	84
4) Benzaldehyde	7.30	77	106057	22.84	ng/ul	96
6) Phenol	7.34	94	165213	21.25	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.58	93	125089	21.13	ng/ul	91
10) 2-Chlorophenol	7.73	128	119133	21.98	ng/ul	92
11) 2-Methylphenol	8.60	108	121683	20.93	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.70	45	173406	19.99	ng/ul#	91
14) Acetophenone	8.99	105	203138	21.92	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.97	70	108209	21.07	ng/ul	92
16) 4-Methylphenol	8.93	108	137755	21.75	ng/ul	100
17) Hexachloroethane	9.26	117	46423	21.45	ng/ul	92
20) Nitrobenzene	9.37	77	143584	20.19	ng/ul#	91
21) Isophorone	9.90	82	298531	19.86	ng/ul#	98
23) 2-Nitrophenol	10.09	139	65282	22.01	ng/ul#	83
24) 2,4-Dimethylphenol	10.14	107	149530	20.73	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.38	93	180740	19.98	ng/ul#	95
27) 2,4-Dichlorophenol	10.63	162	118411	20.30	ng/ul	90
28) Naphthalene	11.04	128	394619	20.52	ng/ul	99
30) 4-Chloroaniline	11.14	127	149071	21.53	ng/ul	93
31) Hexachlorobutadiene	11.33	225	64075	17.59	ng/ul	96
32) Caprolactam	11.88	113	52800	21.15	ng/ul	96
33) 4-Chloro-3-methylphenol	12.25	107	139772	20.42	ng/ul	97
34) 2-Methylnaphthalene	12.63	142	291381	18.31	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	133739	20.35	ng/ul	94
37) Hexachlorocyclopentadiene	12.98	237	63806	18.42	ng/ul	97
38) 2,4,6-Trichlorophenol	13.22	196	94204	20.69	ng/ul	98
39) 2,4,5-Trichlorophenol	13.30	196	102102	21.24	ng/ul	96
40) 1,1'-Biphenyl	13.63	154	375484	20.53	ng/ul	98
41) 2-Chloronaphthalene	13.67	162	285057	20.59	ng/ul	99
42) 2-Nitroaniline	13.86	65	93309	21.52	ng/ul	91
44) Dimethylphthalate	14.23	163	381404	20.62	ng/ul	98
45) 2,6-Dinitrotoluene	14.35	165	71192	22.01	ng/ul	99
47) Acenaphthylene	14.51	152	490330	20.84	ng/ul	98
48) 3-Nitroaniline	14.68	138	76742	21.89	ng/ul#	88
49) Acenaphthene	14.85	153	336372	20.90	ng/ul	98
50) 2,4-Dinitrophenol	14.89	184	33017	19.07	ng/ul	95
52) 4-Nitrophenol	14.97	109	58814	22.26	ng/ul	82
53) Dibenzofuran	15.19	168	451702	20.53	ng/ul	97
54) 2,4-Dinitrotoluene	15.14	165	108076	22.85	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.40	232	90394	21.38	ng/ul#	91
56) Diethylphthalate	15.59	149	392260	20.58	ng/ul	99
58) Fluorene	15.83	166	390849	22.27	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.82	204	172846	20.93	ng/ul	96
60) 4-Nitroaniline	15.84	138	95587	22.18	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.90	198	54697	19.86	ng/ul#	94
64) N-Nitrosodiphenylamine	16.03	169	333526	20.94	ng/ul	99
65) 4-Bromophenyl-phenylether	16.71	248	106251	19.72	ng/ul	96
66) Hexachlorobenzene	16.83	284	107783	19.55	ng/ul	94
67) Atrazine	16.97	200	124969	20.66	ng/ul	98
68) Pentachlorophenol	17.17	266	68515	20.86	ng/ul	93
69) Phenanthrene	17.56	178	611453	21.18	ng/ul	99
71) Anthracene	17.66	178	633757	21.28	ng/ul	100
72) Carbazole	17.92	167	593168	22.15	ng/ul	99
73) Di-n-butylphthalate	18.47	149	712575	22.15	ng/ul	99
74) Fluoranthene	19.56	202	713741	22.12	ng/ul#	91
77) Pyrene	19.93	202	745157	21.68	ng/ul#	92
78) Butylbenzylphthalate	20.80	149	319882	22.95	ng/ul#	97
79) 3,3'-Dichlorobenzidine	21.68	252	204597	21.80	ng/ul	99
80) Benzo(a)anthracene	21.78	228	669761	20.84	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.67	149	460122	22.78	ng/ul#	97
82) Chrysene	21.84	228	614769	21.05	ng/ul	98
84) Di-n-octyl phthalate	22.92	149	780100	22.61	ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	627859	20.29	ng/ul#	96
86) Benzo(k)fluoranthene	24.12	252	624777	20.88	ng/ul#	97
88) Benzo(a)pyrene	24.94	252	614713	20.40	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	28.89	276	684713	20.09	ng/ul#	91
90) Dibenzo(a,h)anthracene	28.95	278	557839	19.70	ng/ul#	93
91) Benzo(g,h,i)perylene	30.07	276	570158	20.18	ng/ul#	88

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

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