Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
Data File : BG029192.D
Acq On : 13 Oct 2017 15:32
Operator : SJ/JU
Sample : SSTD02059
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02059

Quant Time: Oct 13 16:52:03 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 16:52:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	83450	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	360275	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	222116	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	526173	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	512991	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	504308	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	17256	23.05	ng/uL	0.00
5) Phenol-d5	7.32	99	156586	19.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	101234	18.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	111159	19.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	125420	16.52	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	53102	18.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	53339	20.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	120206	18.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	147137	19.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	374363	20.21	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	467258	20.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	69301	18.07	ng/ul	0.00
57) Fluorene-d10	15.78	176	324879	19.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	45572	17.27	ng/ul	0.00
70) Anthracene-d10	17.62	188	504607	19.99	ng/ul	0.00
76) Pyrene-d10	19.89	212	550792	19.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	475188	18.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	20229	20.96	ng/uL	86
4) Benzaldehyde	7.30	77	105967	18.10	ng/ul	97
6) Phenol	7.34	94	160855	19.29	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.58	93	126825	19.41	ng/ul	97
10) 2-Chlorophenol	7.73	128	116607	20.32	ng/ul	93
11) 2-Methylphenol	8.60	108	120667	20.02	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.70	45	181898	15.57	ng/ul#	95
14) Acetophenone	8.99	105	196249	14.69	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.97	70	106937	15.86	ng/ul	95
16) 4-Methylphenol	8.93	108	129530	15.06	ng/ul	93
17) Hexachloroethane	9.27	117	45733	16.48	ng/ul	93
20) Nitrobenzene	9.38	77	141446	17.54	ng/ul	94
21) Isophorone	9.90	82	295681	18.08	ng/ul#	96
23) 2-Nitrophenol	10.09	139	61736	20.98	ng/ul#	73
24) 2,4-Dimethylphenol	10.14	107	140812	17.55	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	10.38	93	180766	19.45	ng/ul	98
27) 2,4-Dichlorophenol	10.63	162	115744	18.79	ng/ul	93
28) Naphthalene	11.04	128	392017	20.07	ng/ul	97
30) 4-Chloroaniline	11.13	127	144700	19.90	ng/ul	93
31) Hexachlorobutadiene	11.32	225	68207	13.88	ng/ul	96
32) Caprolactam	11.88	113	49864	15.84	ng/ul	86
33) 4-Chloro-3-methylphenol	12.24	107	134195	17.76	ng/ul	98
34) 2-Methylnaphthalene	12.63	142	285265	16.22	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	135967	22.25	ng/ul	91
37) Hexachlorocyclopentadiene	12.97	237	66103	18.69	ng/ul	100
38) 2,4,6-Trichlorophenol	13.23	196	92145	22.22	ng/ul	99
39) 2,4,5-Trichlorophenol	13.30	196	97697	22.18	ng/ul	98
40) 1,1'-Biphenyl	13.63	154	369938	23.63	ng/ul	97
41) 2-Chloronaphthalene	13.67	162	275804	22.93	ng/ul	98
42) 2-Nitroaniline	13.86	65	86804	22.94	ng/ul	92
44) Dimethylphthalate	14.23	163	365629	19.50	ng/ul	97
45) 2,6-Dinitrotoluene	14.35	165	65549	21.58	ng/ul	97
47) Acenaphthylene	14.51	152	475569	20.37	ng/ul	95
48) 3-Nitroaniline	14.68	138	70227	21.24	ng/ul	92
49) Acenaphthene	14.85	153	323816	19.81	ng/ul	95
50) 2,4-Dinitrophenol	14.88	184	29286	16.62	ng/ul	94
52) 4-Nitrophenol	14.98	109	53454	16.54	ng/ul#	75
53) Dibenzofuran	15.18	168	443129	18.72	ng/ul	99
54) 2,4-Dinitrotoluene	15.14	165	99716	20.39	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.41	232	86168	18.67	ng/ul#	93
56) Diethylphthalate	15.59	149	385758	17.60	ng/ul	97
58) Fluorene	15.83	166	375875	20.99	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.82	204	172107	19.35	ng/ul	97
60) 4-Nitroaniline	15.83	138	88135	19.24	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.90	198	50430	18.56	ng/ul#	86
64) N-Nitrosodiphenylamine	16.03	169	325221	20.64	ng/ul	97
65) 4-Bromophenyl-phenylether	16.71	248	103683	18.20	ng/ul	98
66) Hexachlorobenzene	16.83	284	107066	17.84	ng/ul	94
67) Atrazine	16.97	200	122645	18.35	ng/ul	96
68) Pentachlorophenol	17.17	266	64050	18.04	ng/ul	94
69) Phenanthrene	17.57	178	590939	20.85	ng/ul	97
71) Anthracene	17.66	178	608098	20.76	ng/ul	99
72) Carbazole	17.92	167	568128	21.21	ng/ul	100
73) Di-n-butylphthalate	18.47	149	659818	20.64	ng/ul	99
74) Fluoranthene	19.57	202	692067	16.70	ng/ul#	93
77) Pyrene	19.92	202	724111	20.26	ng/ul#	91
78) Butylbenzylphthalate	20.80	149	286664	19.65	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.68	252	194940	18.17	ng/ul	99
80) Benzo(a)anthracene	21.77	228	649303	19.29	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.67	149	412574	19.57	ng/ul	99
82) Chrysene	21.85	228	598504	19.72	ng/ul	99
84) Di-n-octyl phthalate	22.92	149	706286	17.78	ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	603596	18.32	ng/ul#	97
86) Benzo(k)fluoranthene	24.12	252	590807	18.58	ng/ul	98
88) Benzo(a)pyrene	24.95	252	587473	18.89	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	28.88	276	658008	20.58	ng/ul#	94
90) Dibenzo(a,h)anthracene	28.95	278	541369	20.02	ng/ul#	93
91) Benzo(g,h,i)perylene	30.07	276	543516	20.30	ng/ul#	86

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

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