Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021975.D
Acq On : 21 May 2016 10:47
Operator : UM/SJ
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 23 17:11:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 16:42:39 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD01002

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5/23/2016 8:40:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	36163	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	187698	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	103322	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	202657	20.00	ng/ul	0.00
75) Chrysene-d12	21.82	240	166523	20.00	ng/ul	0.00
83) Perylene-d12	25.14	264	157936	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	2814	4.05	ng/uL	0.00
5) Phenol-d5	7.31	99	30898	9.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	16980	9.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	28729	10.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	27009	9.75	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	14065	10.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	14904	9.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	27686	10.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	25018	8.68	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	78441	10.11	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	111410	10.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	10321	7.72	ng/ul	0.00
57) Fluorene-d10	15.78	176	74923	10.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	8669	8.18	ng/ul	0.00
70) Anthracene-d10	17.63	188	102882	10.55	ng/ul	0.00
76) Pyrene-d10	19.91	212	96181	10.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.91	264	76188	10.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	5862	4.66	ng/uL	93
4) Benzaldehyde	7.30	77	18687	10.38	ng/ul	95
6) Phenol	7.34	94	31452	9.56	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.57	93	24032	10.00	ng/ul	96
10) 2-Chlorophenol	7.73	128	27709	10.29	ng/ul#	87
11) 2-Methylphenol	8.60	108	26325	10.02	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.69	45	30558	10.64	ng/ul	97
14) Acetophenone	8.98	105	38159	9.84	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.96	70	20251	10.12	ng/ul	97
16) 4-Methylphenol	8.93	108	28128	9.93	ng/ul	96
17) Hexachloroethane	9.25	117	11206	10.44	ng/ul	92
20) Nitrobenzene	9.38	77	27662	9.87	ng/ul	98
21) Isophorone	9.89	82	59909	10.03	ng/ul	100
23) 2-Nitrophenol	10.09	139	15323	9.78	ng/ul	97
24) 2,4-Dimethylphenol	10.14	107	30330	10.03	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.38	93	33125	9.66	ng/ul	95
27) 2,4-Dichlorophenol	10.63	162	26060	10.04	ng/ul	96
28) Naphthalene	11.03	128	96902	10.18	ng/ul	98
30) 4-Chloroaniline	11.14	127	24658	8.52	ng/ul	98
31) Hexachlorobutadiene	11.31	225	15782	10.31	ng/ul	95
32) Caprolactam	11.89	113	10234	9.85	ng/ul	94
33) 4-Chloro-3-methylphenol	12.25	107	27729	10.03	ng/ul	96
34) 2-Methylnaphthalene	12.63	142	69314	10.19	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	31903	10.41	ng/ul	95
37) Hexachlorocyclopentadiene	12.96	237	10241	7.76	ng/ul#	92
38) 2,4,6-Trichlorophenol	13.23	196	20602	9.95	ng/ul	99
39) 2,4,5-Trichlorophenol	13.30	196	22185	10.10	ng/ul	93
40) 1,1'-Biphenyl	13.62	154	87126	10.24	ng/ul	97
41) 2-Chloronaphthalene	13.67	162	67958	10.40	ng/ul	98
42) 2-Nitroaniline	13.88	65	13607	9.53	ng/ul	92
44) Dimethylphthalate	14.22	163	80323	10.30	ng/ul	97
45) 2,6-Dinitrotoluene	14.35	165	17005	10.17	ng/ul	91
47) Acenaphthylene	14.51	152	114457	10.37	ng/ul	99
48) 3-Nitroaniline	14.69	138	14592m	9.43	ng/ul	
49) Acenaphthene	14.85	153	79022	10.36	ng/ul	98
50) 2,4-Dinitrophenol	14.90	184	3555	5.49	ng/ul#	90
52) 4-Nitrophenol	15.00	109	4915	6.52	ng/ul	92
53) Dibenzofuran	15.18	168	98216	10.42	ng/ul	96
54) 2,4-Dinitrotoluene	15.14	165	22453	9.95	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	15.41	232	17838	10.27	ng/ul#	97
56) Diethylphthalate	15.58	149	83284	10.29	ng/ul	97
58) Fluorene	15.83	166	82819	10.40	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.82	204	36512	10.18	ng/ul	95
60) 4-Nitroaniline	15.86	138	15767	9.23	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.91	198	9346	8.53	ng/ul#	92
64) N-Nitrosodiphenylamine	16.03	169	65682	10.25	ng/ul	96
65) 4-Bromophenyl-phenylether	16.71	248	21947	10.72	ng/ul	91
66) Hexachlorobenzene	16.83	284	24764	10.41	ng/ul	98
67) Atrazine	16.97	200	23278	10.55	ng/ul	97
68) Pentachlorophenol	17.17	266	11336	9.16	ng/ul	94
69) Phenanthrene	17.57	178	116914	10.37	ng/ul	99
71) Anthracene	17.66	178	118394	10.37	ng/ul	96
72) Carbazole	17.93	167	102020	10.31	ng/ul	99
73) Di-n-butylphthalate	18.47	149	140846	10.62	ng/ul	99
74) Fluoranthene	19.57	202	121699	10.60	ng/ul	98
77) Pyrene	19.93	202	121954	10.41	ng/ul	98
78) Butylbenzylphthalate	20.80	149	55454	9.99	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.70	252	32641	10.43	ng/ul	99
80) Benzo(a)anthracene	21.79	228	97799	10.01	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.67	149	80607	10.20	ng/ul	96
82) Chrysene	21.86	228	94074	9.95	ng/ul	98
84) Di-n-octyl phthalate	22.91	149	135246	10.51	ng/ul	100
85) Benzo(b)fluoranthene	24.08	252	95731	10.36	ng/ul	95
86) Benzo(k)fluoranthene	24.14	252	89604	9.86	ng/ul#	93
88) Benzo(a)pyrene	24.97	252	93455	10.48	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	28.96	276	102902	10.03	ng/ul	97
90) Dibenzo(a,h)anthracene	29.01	278	85298	9.97	ng/ul	97
91) Benzo(g,h,i)perylene	30.15	276	84495	10.32	ng/ul	96

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

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