Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020531.D
Acq On : 26 Dec 2015 8:54
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02029

Quant Time: Dec 28 00:30:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 00:23:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	14564	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	61972	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	46679	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	130106	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	164365	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	157194	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	2060	7.80	ng/uL	0.00
5) Phenol-d5	7.23	99	23880	20.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	14895	21.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	19472	21.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	20645	21.00	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	10473	21.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	11756	21.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	23093	21.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	28024	22.95	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	80595	20.95	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	93301	20.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	12643	19.71	ng/ul	0.00
58) Fluorene-d10	15.70	176	73988	21.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	15743	18.26	ng/ul	0.00
71) Anthracene-d10	17.55	188	129244	21.21	ng/ul	0.00
79) Pyrene-d10	19.84	212	155936	21.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	169036	21.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	2578	8.51	ng/uL	88
4) Benzaldehyde	7.21	77	16052	22.66	ng/ul	93
6) Phenol	7.26	94	26309	21.62	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.49	93	18854	21.25	ng/ul	96
10) 2-Chlorophenol	7.64	128	20483	21.89	ng/ul	96
11) 2-Methylphenol	8.52	108	20297	21.49	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.60	45	25382	22.08	ng/ul#	96
14) Acetophenone	8.90	105	34690	22.02	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.87	70	17981	22.58	ng/ul	96
16) 4-Methylphenol	8.85	108	22388	21.85	ng/ul	93
17) Hexachloroethane	9.16	117	8548	21.63	ng/ul	95
20) Nitrobenzene	9.28	77	26012	21.47	ng/ul	97
21) Isophorone	9.80	82	49144	21.48	ng/ul	99
23) 2-Nitrophenol	9.99	139	12152	20.83	ng/ul	97
24) 2,4-Dimethylphenol	10.05	107	26921	21.72	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.29	93	27062	21.28	ng/ul	99
27) 2,4-Dichlorophenol	10.53	162	23613	21.54	ng/ul	91
28) Naphthalene	10.94	128	70458	21.39	ng/ul	99
30) 4-Chloroaniline	11.05	127	27909	22.67	ng/ul	96
31) Hexachlorobutadiene	11.22	225	18424	20.12	ng/ul	93
32) Caprolactam	11.80	113	8175	23.18	ng/ul	95
33) 4-Chloro-3-methylphenol	12.17	107	26088	22.71	ng/ul	88
34) 2-Methylnaphthalene	12.54	142	53500	21.95	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	50517	21.82	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	38221	20.23	ng/ul	97
38) Hexachlorocyclopentadiene	12.88	237	16305	15.82	ng/ul	97
39) 2,4,6-Trichlorophenol	13.14	196	22955	20.46	ng/ul	98
40) 2,4,5-Trichlorophenol	13.22	196	24400	19.88	ng/ul	96
41) 1,1'-Biphenyl	13.54	154	75638	21.00	ng/ul	93
42) 2-Chloronaphthalene	13.59	162	59392	20.43	ng/ul	97
43) 2-Nitroaniline	13.79	65	17875	21.93	ng/ul	92
45) Dimethylphthalate	14.15	163	83731	21.41	ng/ul	99
46) 2,6-Dinitrotoluene	14.28	165	17051	21.43	ng/ul	98
48) Acenaphthylene	14.43	152	98638	21.05	ng/ul	99
49) 3-Nitroaniline	14.61	138	16757	22.82	ng/ul	89
50) Acenaphthene	14.77	153	66359	20.95	ng/ul	96
51) 2,4-Dinitrophenol	14.82	184	8309	16.32	ng/ul	87
53) 4-Nitrophenol	14.92	109	11857	20.43	ng/ul	96
54) Dibenzofuran	15.11	168	100297	21.28	ng/ul	98
55) 2,4-Dinitrotoluene	15.06	165	26157	21.99	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.33	232	25526	21.12	ng/ul#	98
57) Diethylphthalate	15.51	149	87451	21.78	ng/ul	98
59) Fluorene	15.75	166	81566	21.36	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.74	204	46909	21.23	ng/ul	98
61) 4-Nitroaniline	15.78	138	18563	22.50	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.83	198	16971	18.52	ng/ul#	99
65) N-Nitrosodiphenylamine	15.96	169	73677	20.26	ng/ul	97
66) 4-Bromophenyl-phenylether	16.63	248	32570	20.14	ng/ul	98
67) Hexachlorobenzene	16.76	284	36614	20.24	ng/ul#	88
68) Atrazine	16.90	200	33370	20.71	ng/ul	94
69) Pentachlorophenol	17.10	266	17923	18.31	ng/ul	96
70) Phenanthrene	17.50	178	151063	20.87	ng/ul	99
72) Anthracene	17.59	178	156024	21.08	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	41756	19.23	ng/uL	98
74) Pentachlorobenzene	15.02	250	39380	19.55	ng/uL	93
75) Carbazole	17.86	167	134429	21.55	ng/ul	99
76) Di-n-butylphthalate	18.40	149	158942	21.37	ng/ul	99
77) Fluoranthene	19.50	202	196721	21.61	ng/ul	97
80) Pyrene	19.86	202	201643	21.69	ng/ul	98
81) Butylbenzylphthalate	20.73	149	70362	21.29	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.62	252	65127	20.24	ng/ul	98
83) Benzo(a)anthracene	21.70	228	201775	20.90	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	102311	21.16	ng/ul	99
85) Chrysene	21.77	228	194425	21.15	ng/ul	99
87) Di-n-octyl phthalate	22.81	149	176186	21.66	ng/ul	100
88) Benzo(b)fluoranthene	23.94	252	197010	20.88	ng/ul	98
89) Benzo(k)fluoranthene	24.01	252	193800	21.25	ng/ul	100
91) Benzo(a)pyrene	24.82	252	191725	21.14	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.70	276	226015	20.81	ng/ul	98
93) Dibenzo(a,h)anthracene	28.77	278	188478	20.91	ng/ul	97
94) Benzo(g,h,i)perylene	29.87	276	186447	20.90	ng/ul	97

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

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