Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122815\
Data File : BG020567.D
Acq On : 28 Dec 2015 16:32
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02001

Quant Time: Dec 29 02:49:11 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 04:59:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	12121	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.89	136	53261	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	43198	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	123636	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	156942	20.00	ng/ul	-0.01
86) Perylene-d12	24.99	264	151998	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	1939	8.82	ng/uL	-0.01
5) Phenol-d5	7.23	99	21310	21.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	12944	22.46	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.60	132	16918	22.67	ng/ul	-0.01
13) 4-Methylphenol-d8	8.78	113	18289	22.35	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	9206	22.05	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.96	143	10601	22.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	20813	22.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	25433	24.23	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	79442	22.31	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	85942	20.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	13503	22.75	ng/ul	0.00
58) Fluorene-d10	15.69	176	70899	22.02	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.82	200	15338	18.72	ng/ul	-0.01
71) Anthracene-d10	17.55	188	123575	21.34	ng/ul	0.00
79) Pyrene-d10	19.84	212	149666	22.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	161917	21.07	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	2400	9.52	ng/uL	99
4) Benzaldehyde	7.20	77	13416	22.76	ng/ul	98
6) Phenol	7.26	94	23349	23.05	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.49	93	16609	22.50	ng/ul	94
10) 2-Chlorophenol	7.63	128	17081	21.93	ng/ul	91
11) 2-Methylphenol	8.51	108	17708	22.53	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.60	45	22066	23.06	ng/ul	98
14) Acetophenone	8.90	105	30378	23.17	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.87	70	15700	23.68	ng/ul	99
16) 4-Methylphenol	8.84	108	20359	23.87	ng/ul	97
17) Hexachloroethane	9.16	117	7161	21.77	ng/ul	97
20) Nitrobenzene	9.28	77	22783	21.88	ng/ul	95
21) Isophorone	9.80	82	45790	23.29	ng/ul	96
23) 2-Nitrophenol	10.00	139	11142	22.22	ng/ul	96
24) 2,4-Dimethylphenol	10.05	107	23446	22.01	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.28	93	24137	22.09	ng/ul	98
27) 2,4-Dichlorophenol	10.53	162	20681	21.95	ng/ul	92
28) Naphthalene	10.93	128	60966	21.53	ng/ul	98
30) 4-Chloroaniline	11.05	127	25957	24.53	ng/ul	99
31) Hexachlorobutadiene	11.21	225	15686	19.93	ng/ul	93
32) Caprolactam	11.80	113	8391	27.68	ng/ul	92
33) 4-Chloro-3-methylphenol	12.17	107	24869	25.19	ng/ul	87
34) 2-Methylnaphthalene	12.54	142	46924	22.40	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	45560	22.89	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	32978	18.86	ng/ul	98
38) Hexachlorocyclopentadiene	12.88	237	10602	11.12	ng/ul	90
39) 2,4,6-Trichlorophenol	13.14	196	21054	20.28	ng/ul	93
40) 2,4,5-Trichlorophenol	13.22	196	24565	21.62	ng/ul	99
41) 1,1'-Biphenyl	13.54	154	67081	20.12	ng/ul	96
42) 2-Chloronaphthalene	13.58	162	54410	20.23	ng/ul	96
43) 2-Nitroaniline	13.79	65	17509	23.21	ng/ul	88
45) Dimethylphthalate	14.15	163	80356	22.20	ng/ul	99
46) 2,6-Dinitrotoluene	14.28	165	17080	23.19	ng/ul	99
48) Acenaphthylene	14.43	152	91718	21.15	ng/ul	98
49) 3-Nitroaniline	14.61	138	16810	24.74	ng/ul	94
50) Acenaphthene	14.77	153	62279	21.25	ng/ul	98
51) 2,4-Dinitrophenol	14.83	184	6173	13.10	ng/ul	90
53) 4-Nitrophenol	14.92	109	11714	21.81	ng/ul#	84
54) Dibenzofuran	15.10	168	96586	22.15	ng/ul	99
55) 2,4-Dinitrotoluene	15.07	165	26323	23.92	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.33	232	24344	21.76	ng/ul	96
57) Diethylphthalate	15.51	149	85621	23.05	ng/ul	97
59) Fluorene	15.75	166	77167	21.83	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.74	204	43144	21.10	ng/ul	95
61) 4-Nitroaniline	15.78	138	18398	24.10	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.83	198	16186	18.59	ng/ul	100
65) N-Nitrosodiphenylamine	15.95	169	72382	20.94	ng/ul	99
66) 4-Bromophenyl-phenylether	16.63	248	30987	20.16	ng/ul	97
67) Hexachlorobenzene	16.76	284	34328	19.97	ng/ul	91
68) Atrazine	16.90	200	33550	21.91	ng/ul	98
69) Pentachlorophenol	17.10	266	14589	15.68	ng/ul	94
70) Phenanthrene	17.50	178	145033	21.08	ng/ul	99
72) Anthracene	17.59	178	149206	21.21	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	36508	17.69	ng/uL	95
74) Pentachlorobenzene	15.02	250	36393	19.01	ng/uL	89
75) Carbazole	17.86	167	132111	22.29	ng/ul	98
76) Di-n-butylphthalate	18.40	149	154847	21.91	ng/ul	99
77) Fluoranthene	19.50	202	190888	22.07	ng/ul	99
80) Pyrene	19.86	202	193852	21.84	ng/ul	99
81) Butylbenzylphthalate	20.73	149	69613	22.06	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.62	252	65548	21.33	ng/ul	97
83) Benzo(a)anthracene	21.70	228	198539	21.54	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	100166	21.70	ng/ul	98
85) Chrysene	21.77	228	186885	21.29	ng/ul	98
87) Di-n-octyl phthalate	22.81	149	172044	21.87	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	191092	20.95	ng/ul	96
89) Benzo(k)fluoranthene	24.02	252	185900	21.08	ng/ul	99
91) Benzo(a)pyrene	24.84	252	185254	21.13	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.72	276	222795	21.21	ng/ul	95
93) Dibenzo(a,h)anthracene	28.78	278	182735	20.97	ng/ul	99
94) Benzo(g,h,i)perylene	29.89	276	183911	21.32	ng/ul	96

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

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