Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020545.D
Acq On : 26 Dec 2015 18:07
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02030

Quant Time: Dec 28 06:20:13 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 06:13:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	16566	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	67005	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	46129	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	128158	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	162215	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	151167	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	2478	8.25	ng/uL	0.00
5) Phenol-d5	7.24	99	27514	20.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	16022	20.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	22120	21.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	22774	20.36	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	11515	21.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	13302	22.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	24677	21.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	29756	22.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	77663	20.43	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	94528	21.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	13492	21.29	ng/ul	0.00
58) Fluorene-d10	15.70	176	72933	21.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	14463	17.03	ng/ul	0.00
71) Anthracene-d10	17.55	188	127511	21.24	ng/ul	0.00
79) Pyrene-d10	19.84	212	150361	21.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	166495	21.79	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	3008	8.73	ng/uL#	88
4) Benzaldehyde	7.21	77	17578	21.82	ng/ul	98
6) Phenol	7.26	94	29518	21.32	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.49	93	20470	20.29	ng/ul	94
10) 2-Chlorophenol	7.64	128	22514	21.15	ng/ul	96
11) 2-Methylphenol	8.52	108	22021	20.50	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.60	45	26973	20.63	ng/ul#	95
14) Acetophenone	8.90	105	36064	20.12	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.88	70	18648	20.58	ng/ul	95
16) 4-Methylphenol	8.85	108	23930	20.53	ng/ul	97
17) Hexachloroethane	9.16	117	9074	20.19	ng/ul	96
20) Nitrobenzene	9.29	77	27871	21.28	ng/ul	93
21) Isophorone	9.81	82	50287	20.33	ng/ul	99
23) 2-Nitrophenol	10.00	139	13133	20.82	ng/ul	99
24) 2,4-Dimethylphenol	10.06	107	29042	21.67	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.29	93	28453	20.70	ng/ul	99
27) 2,4-Dichlorophenol	10.54	162	24813	20.94	ng/ul	93
28) Naphthalene	10.94	128	74153	20.82	ng/ul	98
30) 4-Chloroaniline	11.05	127	29319	22.03	ng/ul	100
31) Hexachlorobutadiene	11.22	225	19405	19.59	ng/ul	93
32) Caprolactam	11.81	113	8161	21.40	ng/ul	97
33) 4-Chloro-3-methylphenol	12.17	107	27457	22.11	ng/ul	93
34) 2-Methylnaphthalene	12.54	142	54335	20.62	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	52184	20.84	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	39030	20.90	ng/ul	99
38) Hexachlorocyclopentadiene	12.88	237	4337	4.26	ng/ul#	86
39) 2,4,6-Trichlorophenol	13.15	196	23699	21.38	ng/ul	98
40) 2,4,5-Trichlorophenol	13.22	196	25674	21.17	ng/ul	99
41) 1,1'-Biphenyl	13.55	154	76161	21.39	ng/ul	95
42) 2-Chloronaphthalene	13.59	162	61003	21.24	ng/ul	97
43) 2-Nitroaniline	13.79	65	18417	22.86	ng/ul	94
45) Dimethylphthalate	14.16	163	79282	20.51	ng/ul	99
46) 2,6-Dinitrotoluene	14.29	165	17367	22.08	ng/ul	97
48) Acenaphthylene	14.43	152	100167	21.63	ng/ul	99
49) 3-Nitroaniline	14.62	138	17315	23.86	ng/ul	88
50) Acenaphthene	14.77	153	67171	21.46	ng/ul	97
51) 2,4-Dinitrophenol	14.83	184	6017	11.96	ng/ul	90
53) 4-Nitrophenol	14.93	109	11911	20.77	ng/ul	93
54) Dibenzofuran	15.11	168	100372	21.55	ng/ul	96
55) 2,4-Dinitrotoluene	15.07	165	26578	22.62	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.34	232	24800	20.76	ng/ul#	94
57) Diethylphthalate	15.51	149	82419	20.78	ng/ul	100
59) Fluorene	15.76	166	82686	21.91	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.74	204	45096	20.65	ng/ul	97
61) 4-Nitroaniline	15.78	138	18240	22.37	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.84	198	15005	16.62	ng/ul#	98
65) N-Nitrosodiphenylamine	15.96	169	73923	20.63	ng/ul	97
66) 4-Bromophenyl-phenylether	16.64	248	32345	20.30	ng/ul	96
67) Hexachlorobenzene	16.77	284	35350	19.84	ng/ul	91
68) Atrazine	16.90	200	32694	20.60	ng/ul	97
69) Pentachlorophenol	17.11	266	14769	15.31	ng/ul	97
70) Phenanthrene	17.50	178	149552	20.97	ng/ul	99
72) Anthracene	17.59	178	154583	21.20	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	42820	20.02	ng/uL	99
74) Pentachlorobenzene	15.03	250	38745	19.53	ng/uL	93
75) Carbazole	17.86	167	135662	22.08	ng/ul	99
76) Di-n-butylphthalate	18.41	149	151753	20.72	ng/ul	98
77) Fluoranthene	19.50	202	190755	21.27	ng/ul	99
80) Pyrene	19.87	202	193173	21.06	ng/ul	99
81) Butylbenzylphthalate	20.74	149	71287	21.85	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.62	252	68986	21.72	ng/ul	94
83) Benzo(a)anthracene	21.71	228	200528	21.05	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	95829	20.08	ng/ul	99
85) Chrysene	21.78	228	189892	20.93	ng/ul	99
87) Di-n-octyl phthalate	22.82	149	171032	21.86	ng/ul	100
88) Benzo(b)fluoranthene	23.96	252	191084	21.06	ng/ul#	96
89) Benzo(k)fluoranthene	24.03	252	187710	21.40	ng/ul	99
91) Benzo(a)pyrene	24.84	252	185272	21.24	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.74	276	216343	20.71	ng/ul#	95
93) Dibenzo(a,h)anthracene	28.79	278	185311	21.38	ng/ul	99
94) Benzo(g,h,i)perylene	29.92	276	160467	18.70	ng/ul	97

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

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