Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033016\
Data File : BG021574.D
Acq On : 30 Mar 2016 10:07
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02027

Quant Time: Mar 31 01:25:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 30 01:34:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	8526	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	39164	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	26884	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	68611	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	80663	20.00	ng/ul	0.00
86) Perylene-d12	24.87	264	77065	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	1643	8.65	ng/uL	0.00
5) Phenol-d5	7.34	99	14837	18.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	9265	19.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	11608	18.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	13812	20.01	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	6018	20.48	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.94	143	6670	19.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	12678	21.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	16588	21.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	43446	19.41	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	52983	19.20	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	4656	13.01	ng/ul	0.00
58) Fluorene-d10	15.65	176	38137	18.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	7558	16.67	ng/ul	0.00
71) Anthracene-d10	17.51	188	64733	19.25	ng/ul	0.00
79) Pyrene-d10	19.79	212	73099	19.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	64743	18.20	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	2150	8.38	ng/uL#	80
4) Benzaldehyde	7.19	77	10091	20.55	ng/ul	97
6) Phenol	7.37	94	15607	18.31	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.47	93	11290	18.30	ng/ul	89
10) 2-Chlorophenol	7.66	128	11913	18.93	ng/ul#	87
11) 2-Methylphenol	8.58	108	11782	17.97	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.58	45	12655	17.01	ng/ul#	1
14) Acetophenone	8.87	105	20872	18.53	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.85	70	11865	19.00	ng/ul#	92
16) 4-Methylphenol	8.91	108	13411	18.03	ng/ul	84
17) Hexachloroethane	9.12	117	4664	17.67	ng/ul	95
20) Nitrobenzene	9.26	77	16937	20.41	ng/ul#	93
21) Isophorone	9.78	82	31527	19.71	ng/ul#	93
23) 2-Nitrophenol	9.97	139	7094	19.13	ng/ul#	92
24) 2,4-Dimethylphenol	10.08	107	16195	19.35	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.26	93	16435	19.72	ng/ul	98
27) 2,4-Dichlorophenol	10.59	162	12220	19.60	ng/ul	96
28) Naphthalene	10.90	128	40916	19.70	ng/ul	95
30) 4-Chloroaniline	11.02	127	17531	21.28	ng/ul	99
31) Hexachlorobutadiene	11.18	225	8846	19.27	ng/ul	92
32) Caprolactam	11.78	113	4617m	19.72	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	15431	20.27	ng/ul	98
34) 2-Methylnaphthalene	12.50	142	30641	19.88	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.72	142	29285	19.59 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	17555	18.65 ng/ul#	92
38) Hexachlorocyclopentadiene	12.84	237	4584	13.30 ng/ul	96
39) 2,4,6-Trichlorophenol	13.14	196	10620	19.20 ng/ul#	96
40) 2,4,5-Trichlorophenol	13.30	196	11545	19.12 ng/ul	86
41) 1,1'-Biphenyl	13.50	154	42130	19.16 ng/ul#	97
42) 2-Chloronaphthalene	13.55	162	32338	18.80 ng/ul	98
43) 2-Nitroaniline	13.77	65	12190	20.32 ng/ul	92
45) Dimethylphthalate	14.12	163	44208	19.01 ng/ul	98
46) 2,6-Dinitrotoluene	14.25	165	9724	20.49 ng/ul#	83
48) Acenaphthylene	14.39	152	52913	19.36 ng/ul	93
49) 3-Nitroaniline	14.59	138	9072	20.66 ng/ul	88
50) Acenaphthene	14.73	153	37152	19.70 ng/ul	99
51) 2,4-Dinitrophenol	14.81	184	3357	14.04 ng/ul#	78
53) 4-Nitrophenol	15.11	109	5952	16.03 ng/ul	86
54) Dibenzofuran	15.06	168	51742	19.59 ng/ul	97
55) 2,4-Dinitrotoluene	15.04	165	14385	20.67 ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	15.32	232	7987	18.09 ng/ul#	88
57) Diethylphthalate	15.48	149	48036	19.32 ng/ul	99
59) Fluorene	15.71	166	44790	19.39 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.70	204	23328	19.23 ng/ul	98
61) 4-Nitroaniline	15.76	138	9638	20.94 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.80	198	8104	16.93 ng/ul#	98
65) N-Nitrosodiphenylamine	15.92	169	40783	19.19 ng/ul	98
66) 4-Bromophenyl-phenylether	16.59	248	15907	19.85 ng/ul#	85
67) Hexachlorobenzene	16.71	284	16053	18.99 ng/ul	93
68) Atrazine	16.86	200	17191	20.05 ng/ul	96
69) Pentachlorophenol	17.09	266	3375	15.10 ng/ul	94
70) Phenanthrene	17.45	178	75029	19.31 ng/ul	98
72) Anthracene	17.54	178	77546	19.61 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	17920	18.65 ng/uL	99
74) Pentachlorobenzene	14.98	250	18058	18.11 ng/uL	97
75) Carbazole	17.82	167	66250	19.37 ng/ul	93
76) Di-n-butylphthalate	18.35	149	87050	19.73 ng/ul	100
77) Fluoranthene	19.45	202	91998	19.62 ng/ul#	95
80) Pyrene	19.81	202	95479	19.87 ng/ul#	93
81) Butylbenzylphthalate	20.68	149	37849	18.65 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.56	252	32151	19.22 ng/ul	95
83) Benzo(a)anthracene	21.65	228	91937	18.88 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	54860	18.48 ng/ul	99
85) Chrysene	21.71	228	87258	18.92 ng/ul	98
87) Di-n-octyl phthalate	22.72	149	97725	18.68 ng/ul	100
88) Benzo(b)fluoranthene	23.85	252	94171	19.02 ng/ul#	97
89) Benzo(k)fluoranthene	23.92	252	93979	19.33 ng/ul#	97
91) Benzo(a)pyrene	24.72	252	90760	18.89 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.53	276	100945	18.48 ng/ul#	95
93) Dibenzo(a,h)anthracene	28.59	278	86608	18.64 ng/ul#	93
94) Benzo(g,h,i)perylene	29.67	276	85279m	18.99 ng/ul	

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

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