Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG021616\
Data File : BG020917.D
Acq On : 16 Feb 2016 20:48
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02028

Quant Time: Feb 17 00:05:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 17 00:00:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	19306	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	99789	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	62281	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.61	188	139757	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	129083	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	120994	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	3111	7.82	ng/uL	0.00
5) Phenol-d5	7.40	99	35526	18.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	19145	18.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	28998	18.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	31637	18.61	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	15469	19.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	16331	20.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	29829	19.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	44604	21.85	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	103053	19.23	ng/ul	0.00
47) Acenaphthylene-d8	14.57	160	126499	19.32	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	20141	18.77	ng/ul	0.00
58) Fluorene-d10	15.86	176	87446	19.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	12360	18.25	ng/ul	0.00
71) Anthracene-d10	17.71	188	131741	19.08	ng/ul	0.00
79) Pyrene-d10	19.98	212	126558	19.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.03	264	125733	18.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	3448	7.16	ng/uL	98
4) Benzaldehyde	7.39	77	22530	20.84	ng/ul	97
6) Phenol	7.43	94	38183	18.44	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.67	93	29195	18.40	ng/ul	99
10) 2-Chlorophenol	7.82	128	29815	18.95	ng/ul	100
11) 2-Methylphenol	8.70	108	29900	18.26	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.79	45	29523	17.92	ng/ul	97
14) Acetophenone	9.09	105	49384	19.21	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.07	70	24094	18.53	ng/ul	97
16) 4-Methylphenol	9.03	108	34053	18.74	ng/ul	93
17) Hexachloroethane	9.36	117	11122	18.96	ng/ul	91
20) Nitrobenzene	9.48	77	32337	19.25	ng/ul	96
21) Isophorone	10.00	82	69593	18.54	ng/ul	98
23) 2-Nitrophenol	10.19	139	19233	20.62	ng/ul	95
24) 2,4-Dimethylphenol	10.24	107	35172	18.85	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.48	93	45026	18.90	ng/ul	98
27) 2,4-Dichlorophenol	10.73	162	31443	19.56	ng/ul	98
28) Naphthalene	11.14	128	107101	19.33	ng/ul	99
30) 4-Chloroaniline	11.24	127	47342	21.94	ng/ul	95
31) Hexachlorobutadiene	11.42	225	14873	19.40	ng/ul	98
32) Caprolactam	11.99	113	12660	19.42	ng/ul	88
33) 4-Chloro-3-methylphenol	12.34	107	36623	19.49	ng/ul	97
34) 2-Methylnaphthalene	12.73	142	81419	19.41	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.94	142	77515	19.51 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	34462	19.41 ng/ul	98
38) Hexachlorocyclopentadiene	13.06	237	17046	17.60 ng/ul	96
39) 2,4,6-Trichlorophenol	13.31	196	25298	19.70 ng/ul	99
40) 2,4,5-Trichlorophenol	13.39	196	27660	19.47 ng/ul	97
41) 1,1'-Biphenyl	13.71	154	107574	19.52 ng/ul	99
42) 2-Chloronaphthalene	13.76	162	78628	19.35 ng/ul	98
43) 2-Nitroaniline	13.95	65	21373	19.34 ng/ul	97
45) Dimethylphthalate	14.32	163	107729	19.31 ng/ul	99
46) 2,6-Dinitrotoluene	14.44	165	22501	20.52 ng/ul	100
48) Acenaphthylene	14.60	152	140710	19.59 ng/ul	98
49) 3-Nitroaniline	14.77	138	25614	20.72 ng/ul	99
50) Acenaphthene	14.94	153	96386	19.21 ng/ul	98
51) 2,4-Dinitrophenol	14.97	184	7314	17.03 ng/ul	99
53) 4-Nitrophenol	15.06	109	11096	18.15 ng/ul	91
54) Dibenzofuran	15.27	168	127365	19.55 ng/ul	99
55) 2,4-Dinitrotoluene	15.22	165	31574	20.76 ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.49	232	23789	19.31 ng/ul	99
57) Diethylphthalate	15.67	149	111598	18.98 ng/ul	99
59) Fluorene	15.92	166	110124	19.43 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.90	204	45955	18.98 ng/ul	99
61) 4-Nitroaniline	15.93	138	27779	19.85 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.98	198	14085	18.49 ng/ul#	99
65) N-Nitrosodiphenylamine	16.12	169	91708	19.11 ng/ul	94
66) 4-Bromophenyl-phenylether	16.80	248	28867	19.23 ng/ul	98
67) Hexachlorobenzene	16.92	284	31692	19.16 ng/ul	99
68) Atrazine	17.05	200	29295	18.86 ng/ul	93
69) Pentachlorophenol	17.26	266	16353	16.81 ng/ul	96
70) Phenanthrene	17.66	178	167298	18.99 ng/ul	99
72) Anthracene	17.74	178	169358	19.10 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.68	216	33777	19.49 ng/uL	97
74) Pentachlorobenzene	15.19	250	34014	19.29 ng/uL	100
75) Carbazole	18.01	167	145785	18.72 ng/ul	99
76) Di-n-butylphthalate	18.55	149	183097	18.28 ng/ul	99
77) Fluoranthene	19.65	202	171971	18.87 ng/ul	97
80) Pyrene	20.01	202	177812	19.07 ng/ul	99
81) Butylbenzylphthalate	20.87	149	81155	18.75 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.78	252	55299	19.90 ng/ul	98
83) Benzo(a)anthracene	21.87	228	161659	19.21 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.76	149	120661	18.40 ng/ul	99
85) Chrysene	21.94	228	147454	19.02 ng/ul	99
87) Di-n-octyl phthalate	23.02	149	202576	18.58 ng/ul	100
88) Benzo(b)fluoranthene	24.19	252	156196	18.95 ng/ul	98
89) Benzo(k)fluoranthene	24.26	252	149944	19.05 ng/ul	98
91) Benzo(a)pyrene	25.11	252	146861	18.83 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.13	276	173278	19.27 ng/ul	98
93) Dibenzo(a,h)anthracene	29.20	278	141825	19.25 ng/ul	97
94) Benzo(g,h,i)perylene	30.33	276	140837	19.15 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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