Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019687.D
Acq On : 18 Nov 2015 9:58
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02032

Quant Time: Nov 19 03:04:12 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 03:01:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	22218	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	96570	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	79515	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	227749	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	287606	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	273702	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	4064	7.81	ng/uL	0.00
5) Phenol-d5	7.29	99	44605	19.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	29200	19.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	28151	19.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	36862	19.56	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	15509	19.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	17724	19.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	38645	20.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	40286	21.99	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	133339	18.54	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	152070	19.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	21923	19.35	ng/ul	0.00
58) Fluorene-d10	15.77	176	123175	19.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	25914	17.61	ng/ul	0.00
71) Anthracene-d10	17.62	188	213515	19.31	ng/ul	0.00
79) Pyrene-d10	19.89	212	253146	19.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	285229	19.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	4484	7.56	ng/uL	97
4) Benzaldehyde	7.27	77	35192	21.22	ng/ul	95
6) Phenol	7.32	94	47850	19.47	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.56	93	33694	19.70	ng/ul	95
10) 2-Chlorophenol	7.71	128	28580	20.04	ng/ul#	88
11) 2-Methylphenol	8.59	108	34941	19.31	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.68	45	28327	18.96	ng/ul#	91
14) Acetophenone	8.98	105	60531	19.44	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.95	70	36877	17.53	ng/ul	97
16) 4-Methylphenol	8.91	108	40068	19.65	ng/ul	95
17) Hexachloroethane	9.24	117	13720	20.25	ng/ul	94
20) Nitrobenzene	9.36	77	53864	18.86	ng/ul	98
21) Isophorone	9.88	82	101501	18.43	ng/ul	97
23) 2-Nitrophenol	10.08	139	19706	20.40	ng/ul	96
24) 2,4-Dimethylphenol	10.13	107	49209	19.12	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.36	93	50558	18.55	ng/ul	93
27) 2,4-Dichlorophenol	10.62	162	36979	20.12	ng/ul	96
28) Naphthalene	11.03	128	101909	19.54	ng/ul	98
30) 4-Chloroaniline	11.13	127	41864	21.98	ng/ul	95
31) Hexachlorobutadiene	11.30	225	33488	20.25	ng/ul	96
32) Caprolactam	11.89	113	14043	18.79	ng/ul	86
33) 4-Chloro-3-methylphenol	12.24	107	50373	19.66	ng/ul	99
34) 2-Methylnaphthalene	12.62	142	79321	19.07	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.84	142	79091	19.08 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	64473	20.23 ng/ul	94
38) Hexachlorocyclopentadiene	12.97	237	23587	12.70 ng/ul#	90
39) 2,4,6-Trichlorophenol	13.22	196	39010	20.07 ng/ul	96
40) 2,4,5-Trichlorophenol	13.30	196	44299	21.78 ng/ul	97
41) 1,1'-Biphenyl	13.62	154	114778	19.41 ng/ul	96
42) 2-Chloronaphthalene	13.67	162	88854	19.33 ng/ul	97
43) 2-Nitroaniline	13.87	65	36715	18.90 ng/ul	95
45) Dimethylphthalate	14.23	163	133552	18.73 ng/ul	98
46) 2,6-Dinitrotoluene	14.35	165	28554	20.02 ng/ul	94
48) Acenaphthylene	14.51	152	152894	19.65 ng/ul	95
49) 3-Nitroaniline	14.68	138	26167	22.01 ng/ul	99
50) Acenaphthene	14.85	153	104669	19.65 ng/ul	97
51) 2,4-Dinitrophenol	14.89	184	17603	18.78 ng/ul	91
53) 4-Nitrophenol	14.99	109	26835	19.43 ng/ul	94
54) Dibenzofuran	15.18	168	153760	19.69 ng/ul	94
55) 2,4-Dinitrotoluene	15.14	165	42453	19.14 ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	15.41	232	44674	20.71 ng/ul#	96
57) Diethylphthalate	15.58	149	131345	18.44 ng/ul	99
59) Fluorene	15.82	166	132496	19.41 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.81	204	75379	18.98 ng/ul	99
61) 4-Nitroaniline	15.84	138	29918	20.91 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.90	198	28538	18.26 ng/ul	96
65) N-Nitrosodiphenylamine	16.02	169	118864	19.38 ng/ul	97
66) 4-Bromophenyl-phenylether	16.70	248	53826	19.65 ng/ul	97
67) Hexachlorobenzene	16.83	284	55875	19.35 ng/ul	96
68) Atrazine	16.96	200	56489	19.74 ng/ul	96
69) Pentachlorophenol	17.17	266	29663	18.35 ng/ul	95
70) Phenanthrene	17.57	178	228322	18.73 ng/ul	99
72) Anthracene	17.66	178	237474	19.32 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.59	216	64932	20.65 ng/uL	94
74) Pentachlorobenzene	15.10	250	66912	20.40 ng/uL	98
75) Carbazole	17.93	167	196275	19.89 ng/ul	97
76) Di-n-butylphthalate	18.46	149	237272	18.54 ng/ul	99
77) Fluoranthene	19.57	202	307565	19.80 ng/ul	99
80) Pyrene	19.92	202	320805	19.10 ng/ul	99
81) Butylbenzylphthalate	20.79	149	110319	19.96 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.68	252	114637	21.79 ng/ul	97
83) Benzo(a)anthracene	21.77	228	343795	19.72 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	155340	19.17 ng/ul#	99
85) Chrysene	21.84	228	323725	19.72 ng/ul	98
87) Di-n-octyl phthalate	22.89	149	272505	20.50 ng/ul	100
88) Benzo(b)fluoranthene	24.05	252	325386	19.29 ng/ul	99
89) Benzo(k)fluoranthene	24.12	252	318849	19.60 ng/ul	99
91) Benzo(a)pyrene	24.95	252	316262	19.48 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.92	276	344324	18.95 ng/ul	93
93) Dibenzo(a,h)anthracene	28.97	278	284694	19.06 ng/ul	98
94) Benzo(g,h,i)perylene	30.11	276	268812	17.83 ng/ul	100

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

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