Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020317.D
Acq On : 19 Dec 2015 18:29
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02008

Quant Time: Dec 20 04:55:18 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 04:48:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	19530	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	82719	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	60816	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	160806	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	203363	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	185007	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	2774	7.84	ng/uL	0.00
5) Phenol-d5	7.24	99	33846	19.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	20406	19.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	27007	21.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	28783	19.54	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	14305	22.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	16631	23.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	32388	22.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	37259	22.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	104405	21.22	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	122023	21.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	18458	20.92	ng/ul	0.00
58) Fluorene-d10	15.71	176	94696	21.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	18534	19.44	ng/ul	0.00
71) Anthracene-d10	17.57	188	156178	21.08	ng/ul	0.00
79) Pyrene-d10	19.85	212	184756	19.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	205891	22.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	3400	6.51	ng/uL	96
4) Benzaldehyde	7.22	77	22649	20.31	ng/ul	97
6) Phenol	7.27	94	36002	19.52	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.50	93	25624	20.25	ng/ul	96
10) 2-Chlorophenol	7.65	128	26577	20.26	ng/ul	93
11) 2-Methylphenol	8.53	108	27321	19.42	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.62	45	33483	18.37	ng/ul	95
14) Acetophenone	8.91	105	47140	20.44	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.89	70	24180	19.81	ng/ul	95
16) 4-Methylphenol	8.85	108	30309	19.46	ng/ul	89
17) Hexachloroethane	9.18	117	11309	20.51	ng/ul	90
20) Nitrobenzene	9.30	77	34830	20.38	ng/ul	99
21) Isophorone	9.82	82	65933	20.21	ng/ul	99
23) 2-Nitrophenol	10.02	139	17115	22.25	ng/ul	92
24) 2,4-Dimethylphenol	10.07	107	37005	21.18	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.31	93	37591	21.27	ng/ul	95
27) 2,4-Dichlorophenol	10.55	162	32815	21.98	ng/ul	95
28) Naphthalene	10.96	128	94136	21.79	ng/ul	96
30) 4-Chloroaniline	11.06	127	37872	22.72	ng/ul	97
31) Hexachlorobutadiene	11.24	225	25491	22.91	ng/ul	91
32) Caprolactam	11.81	113	11172	21.21	ng/ul	85
33) 4-Chloro-3-methylphenol	12.17	107	36100	20.35	ng/ul	89
34) 2-Methylnaphthalene	12.56	142	70620	21.40	ng/ul	98

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35) 1-Methylnaphthalene	12.77	142	67470	21.27	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	50327	22.05	ng/ul	97
38) Hexachlorocyclopentadiene	12.90	237	18939	13.42	ng/ul	99
39) 2,4,6-Trichlorophenol	13.16	196	31386	21.44	ng/ul	97
40) 2,4,5-Trichlorophenol	13.23	196	35324	21.71	ng/ul	97
41) 1,1'-Biphenyl	13.56	154	98372	21.44	ng/ul	97
42) 2-Chloronaphthalene	13.60	162	78735	21.43	ng/ul	98
43) 2-Nitroaniline	13.80	65	24721	19.79	ng/ul	89
45) Dimethylphthalate	14.17	163	107463	21.39	ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	22762	21.90	ng/ul	93
48) Acenaphthylene	14.45	152	129395	21.28	ng/ul	99
49) 3-Nitroaniline	14.62	138	22696	22.50	ng/ul	88
50) Acenaphthene	14.78	153	87567	21.40	ng/ul	99
51) 2,4-Dinitrophenol	14.82	184	11371	19.22	ng/ul	93
53) 4-Nitrophenol	14.92	109	16362	19.28	ng/ul#	80
54) Dibenzofuran	15.12	168	130006	21.36	ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	33801	22.16	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.34	232	34128	21.81	ng/ul	96
57) Diethylphthalate	15.53	149	110705	21.23	ng/ul	97
59) Fluorene	15.77	166	105513	21.59	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.76	204	61083	22.17	ng/ul	95
61) 4-Nitroaniline	15.78	138	24646	22.60	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.84	198	20009	19.55	ng/ul#	99
65) N-Nitrosodiphenylamine	15.97	169	93711	20.96	ng/ul	98
66) 4-Bromophenyl-phenylether	16.65	248	41893	22.20	ng/ul	96
67) Hexachlorobenzene	16.77	284	45236	22.32	ng/ul#	90
68) Atrazine	16.91	200	41785	21.91	ng/ul	96
69) Pentachlorophenol	17.12	266	21960	17.97	ng/ul	95
70) Phenanthrene	17.51	178	188436	21.42	ng/ul	99
72) Anthracene	17.60	178	189871	21.28	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	54873	21.78	ng/uL	97
74) Pentachlorobenzene	15.04	250	51392	21.99	ng/uL	98
75) Carbazole	17.87	167	163988	21.88	ng/ul	99
76) Di-n-butylphthalate	18.41	149	187443	21.52	ng/ul	99
77) Fluoranthene	19.51	202	239415	23.29	ng/ul	98
80) Pyrene	19.88	202	240430	19.53	ng/ul	97
81) Butylbenzylphthalate	20.75	149	87053	20.35	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.63	252	85479	23.01	ng/ul	96
83) Benzo(a)anthracene	21.72	228	255741	21.55	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	120609	19.72	ng/ul	99
85) Chrysene	21.79	228	236593	21.17	ng/ul	99
87) Di-n-octyl phthalate	22.84	149	211698	20.83	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	237232	21.30	ng/ul	97
89) Benzo(k)fluoranthene	24.04	252	235556	22.04	ng/ul	100
91) Benzo(a)pyrene	24.86	252	234112	22.18	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.74	276	249824	19.87	ng/ul	95
93) Dibenzo(a,h)anthracene	28.81	278	222473	21.32	ng/ul	97
94) Benzo(g,h,i)perylene	29.91	276	185768	18.03	ng/ul	99

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

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