Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020611.D
Acq On : 30 Dec 2015 16:35
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02006

Manual Integrations APPROVED
Sohil
12/31/2015 6:34:28 PM

Quant Time: Dec 31 01:01:25 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 23:49:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	89651	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	67622	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	174750	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	204235	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	196519	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	2825	8.45	ng/uL	0.00
5) Phenol-d5	7.22	99	36564	21.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	21531	21.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	28541	22.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	31414	21.66	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	14823	21.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	17782	22.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	33999	22.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	41709	23.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	118033	21.33	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	134020	21.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	18133	20.89	ng/ul	0.00
58) Fluorene-d10	15.69	176	105060	20.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	22011	20.77	ng/ul	0.00
71) Anthracene-d10	17.54	188	174197	21.39	ng/ul	0.00
79) Pyrene-d10	19.82	212	196793	21.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	214008	21.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	3694	8.75	ng/uL#	86
4) Benzaldehyde	7.19	77	23813	22.98	ng/ul	97
6) Phenol	7.24	94	38194	20.97	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.47	93	27647	21.29	ng/ul	98
10) 2-Chlorophenol	7.62	128	29302	21.69	ng/ul	95
11) 2-Methylphenol	8.50	108	29187	20.79	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.59	45	37228	21.92	ng/ul	99
14) Acetophenone	8.89	105	50999	21.46	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.87	70	26087	21.73	ng/ul#	96
16) 4-Methylphenol	8.83	108	33183	21.37	ng/ul	94
17) Hexachloroethane	9.14	117	12037	21.20	ng/ul	95
20) Nitrobenzene	9.27	77	38597	22.32	ng/ul	97
21) Isophorone	9.79	82	73630	21.87	ng/ul	99
23) 2-Nitrophenol	9.99	139	18871	22.24	ng/ul	99
24) 2,4-Dimethylphenol	10.04	107	39912	22.34	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.28	93	39994	21.50	ng/ul	96
27) 2,4-Dichlorophenol	10.52	162	34191	21.68	ng/ul	97
28) Naphthalene	10.93	128	102918	21.68	ng/ul	98
30) 4-Chloroaniline	11.04	127	40960	21.99	ng/ul	94
31) Hexachlorobutadiene	11.20	225	27408	21.55	ng/ul	94
32) Caprolactam	11.79	113	11956m	22.13	ng/ul	
33) 4-Chloro-3-methylphenol	12.16	107	38400	22.50	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	77757	21.89	ng/ul	99

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35) 1-Methylnaphthalene	12.74	142	74044	21.59	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	55646	21.37	ng/ul	97
38) Hexachlorocyclopentadiene	12.87	237	15378	16.41	ng/ul#	84
39) 2,4,6-Trichlorophenol	13.14	196	31348	21.49	ng/ul	97
40) 2,4,5-Trichlorophenol	13.21	196	34301	21.43	ng/ul	95
41) 1,1'-Biphenyl	13.53	154	107797	21.19	ng/ul	99
42) 2-Chloronaphthalene	13.58	162	87467	21.35	ng/ul	99
43) 2-Nitroaniline	13.78	65	26194	22.29	ng/ul	95
45) Dimethylphthalate	14.14	163	120230	21.26	ng/ul	98
46) 2,6-Dinitrotoluene	14.27	165	25127	21.41	ng/ul	94
48) Acenaphthylene	14.42	152	141955	21.20	ng/ul	99
49) 3-Nitroaniline	14.61	138	23563m	22.09	ng/ul	
50) Acenaphthene	14.76	153	95704	21.12	ng/ul	99
51) 2,4-Dinitrophenol	14.82	184	9495	19.20	ng/ul	96
53) 4-Nitrophenol	14.92	109	16133	21.06	ng/ul	99
54) Dibenzofuran	15.09	168	144433	21.10	ng/ul	100
55) 2,4-Dinitrotoluene	15.06	165	37409	21.85	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.32	232	33002	22.12	ng/ul#	95
57) Diethylphthalate	15.50	149	122720	21.06	ng/ul	97
59) Fluorene	15.75	166	116888	21.22	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.73	204	67227	21.12	ng/ul	100
61) 4-Nitroaniline	15.77	138	25132	21.54	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.83	198	23946	21.12	ng/ul#	90
65) N-Nitrosodiphenylamine	15.95	169	103831	21.58	ng/ul	98
66) 4-Bromophenyl-phenylether	16.63	248	44937	21.16	ng/ul	97
67) Hexachlorobenzene	16.74	284	50164	21.53	ng/ul	97
68) Atrazine	16.89	200	45265	21.29	ng/ul	98
69) Pentachlorophenol	17.10	266	18850	20.08	ng/ul	96
70) Phenanthrene	17.49	178	202469	21.31	ng/ul	100
72) Anthracene	17.58	178	208778	21.49	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	59080	21.29	ng/uL	98
74) Pentachlorobenzene	15.02	250	57101	21.54	ng/uL	97
75) Carbazole	17.85	167	175825	21.44	ng/ul	98
76) Di-n-butylphthalate	18.39	149	207736	21.59	ng/ul	99
77) Fluoranthene	19.49	202	252653	21.77	ng/ul	99
80) Pyrene	19.85	202	257511	21.77	ng/ul	99
81) Butylbenzylphthalate	20.72	149	89536	21.50	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.60	252	85359	21.94	ng/ul	97
83) Benzo(a)anthracene	21.70	228	258887	21.67	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	130742	21.84	ng/ul	100
85) Chrysene	21.76	228	244924	21.78	ng/ul	100
87) Di-n-octyl phthalate	22.80	149	222566	21.57	ng/ul	100
88) Benzo(b)fluoranthene	23.93	252	254382	21.80	ng/ul	98
89) Benzo(k)fluoranthene	24.00	252	242747	21.71	ng/ul	99
91) Benzo(a)pyrene	24.82	252	240431	21.44	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.68	276	289809	21.67	ng/ul	98
93) Dibenzo(a,h)anthracene	28.75	278	243069	21.79	ng/ul	97
94) Benzo(g,h,i)perylene	29.85	276	237297	21.60	ng/ul	99

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

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