Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020678.D
Acq On : 12 Jan 2016 14:15
Operator : SJ/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02021

Manual Integrations APPROVED
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1/13/2016 3:30:46 PM

Quant Time: Jan 12 15:04:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 12 14:39:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	15786	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	67259	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	48056	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	131106	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	164140	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	154907	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	2472	7.65	ng/uL	0.00
5) Phenol-d5	7.21	99	26410	19.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	16141	19.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	20788	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	22517	19.73	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	11317	21.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	12389	20.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	23822	20.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	22756	19.59	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	86292	20.58	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	94010	19.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	10867	19.30	ng/ul	0.00
58) Fluorene-d10	15.68	176	76173	20.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	13589	19.06	ng/ul	0.00
71) Anthracene-d10	17.53	188	129552	20.16	ng/ul	0.00
79) Pyrene-d10	19.82	212	155624	19.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	162306	19.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	2888	7.40	ng/uL#	78
4) Benzaldehyde	7.18	77	18400	19.88	ng/ul	94
6) Phenol	7.23	94	28845	19.83	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.46	93	21574	20.15	ng/ul	99
10) 2-Chlorophenol	7.61	128	22246	20.00	ng/ul	95
11) 2-Methylphenol	8.49	108	22280	19.89	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.58	45	28473	20.53	ng/ul	95
14) Acetophenone	8.87	105	37848	20.10	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.85	70	19678	20.61	ng/ul#	97
16) 4-Methylphenol	8.82	108	24173	19.46	ng/ul	95
17) Hexachloroethane	9.13	117	9420	19.92	ng/ul	95
20) Nitrobenzene	9.26	77	28104	20.37	ng/ul	99
21) Isophorone	9.78	82	55406	20.54	ng/ul	97
23) 2-Nitrophenol	9.97	139	13815	20.19	ng/ul	99
24) 2,4-Dimethylphenol	10.03	107	29464	20.50	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.26	93	29908	19.80	ng/ul	99
27) 2,4-Dichlorophenol	10.51	162	25556	20.52	ng/ul	98
28) Naphthalene	10.91	128	75625	19.90	ng/ul	99
30) 4-Chloroaniline	11.02	127	24586	19.70	ng/ul	96
31) Hexachlorobutadiene	11.19	225	20776	19.63	ng/ul	96
32) Caprolactam	11.79	113	9067m	21.33	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	27105	20.15	ng/ul	98
34) 2-Methylnaphthalene	12.52	142	56544	19.94	ng/ul	98

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35) 1-Methylnaphthalene	12.73	142	54188	20.25	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	39350	20.02	ng/ul	99
38) Hexachlorocyclopentadiene	12.86	237	5558	13.16	ng/ul	100
39) 2,4,6-Trichlorophenol	13.13	196	21365	19.93	ng/ul	100
40) 2,4,5-Trichlorophenol	13.20	196	24765	21.05	ng/ul	96
41) 1,1'-Biphenyl	13.52	154	76262	19.83	ng/ul	98
42) 2-Chloronaphthalene	13.56	162	64413	20.57	ng/ul	99
43) 2-Nitroaniline	13.77	65	18902	20.98	ng/ul	91
45) Dimethylphthalate	14.13	163	90369	20.06	ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	18472	20.93	ng/ul	92
48) Acenaphthylene	14.41	152	100074	20.13	ng/ul	98
49) 3-Nitroaniline	14.60	138	16221	20.74	ng/ul	91
50) Acenaphthene	14.75	153	69625	20.30	ng/ul	96
51) 2,4-Dinitrophenol	14.83	184	2649	11.57	ng/ul	92
53) 4-Nitrophenol	14.91	109	10574	20.34	ng/ul	96
54) Dibenzofuran	15.08	168	104449	20.23	ng/ul	97
55) 2,4-Dinitrotoluene	15.05	165	27492	20.71	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.31	232	21677	20.68	ng/ul#	97
57) Diethylphthalate	15.49	149	93030	20.34	ng/ul	99
59) Fluorene	15.73	166	85140	20.22	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.72	204	49042	20.05	ng/ul	99
61) 4-Nitroaniline	15.76	138	20033	22.13	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.82	198	14996	19.55	ng/ul	99
65) N-Nitrosodiphenylamine	15.94	169	77355	20.37	ng/ul	96
66) 4-Bromophenyl-phenylether	16.61	248	33255	20.06	ng/ul	97
67) Hexachlorobenzene	16.74	284	36077	19.63	ng/ul	98
68) Atrazine	16.88	200	33740	20.03	ng/ul	99
69) Pentachlorophenol	17.09	266	8467	16.87	ng/ul	99
70) Phenanthrene	17.48	178	155200	19.90	ng/ul	99
72) Anthracene	17.57	178	158876	20.18	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	37044	19.64	ng/uL	97
74) Pentachlorobenzene	15.00	250	39724	20.22	ng/uL	98
75) Carbazole	17.84	167	135893	21.06	ng/ul	99
76) Di-n-butylphthalate	18.38	149	161414	20.45	ng/ul	99
77) Fluoranthene	19.48	202	199239	21.01	ng/ul	99
80) Pyrene	19.85	202	210872	20.26	ng/ul	100
81) Butylbenzylphthalate	20.72	149	71034	20.31	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.60	252	66446	20.51	ng/ul	99
83) Benzo(a)anthracene	21.69	228	207002	20.21	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	104526	20.26	ng/ul	99
85) Chrysene	21.75	228	190096	19.63	ng/ul	99
87) Di-n-octyl phthalate	22.78	149	172067	19.61	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	195034	19.54	ng/ul	99
89) Benzo(k)fluoranthene	23.99	252	195959	19.89	ng/ul	99
91) Benzo(a)pyrene	24.81	252	192909	20.09	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.69	276	221786	19.57	ng/ul	99
93) Dibenzo(a,h)anthracene	28.74	278	185656	19.90	ng/ul	99
94) Benzo(g,h,i)perylene	29.85	276	184423	19.73	ng/ul	99

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

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