Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021420.D
Acq On : 11 Mar 2016 15:26
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 11 17:35:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 11 17:22:23 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD02032

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	11601	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	57086	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	35739	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	86415	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	90132	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	84413	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	2016	8.15	ng/uL	0.00
5) Phenol-d5	7.31	99	23738	18.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	16570	19.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	17626	19.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	19474	18.35	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	9191	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	9925	19.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	17414	18.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	24758	20.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	59964	19.39	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	73212	19.42	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	10132	17.33	ng/ul	0.00
58) Fluorene-d10	15.71	176	52842	19.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	11209	19.39	ng/ul	0.00
71) Anthracene-d10	17.56	188	84164	19.51	ng/ul	0.00
79) Pyrene-d10	19.84	212	89457	19.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	88348	19.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2585	7.77	ng/uL#	87
4) Benzaldehyde	7.25	77	19093	22.76	ng/ul	96
6) Phenol	7.34	94	25940	18.65	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.53	93	19348	19.35	ng/ul	97
10) 2-Chlorophenol	7.69	128	18264	18.98	ng/ul	95
11) 2-Methylphenol	8.58	108	19161	18.39	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.64	45	31800	20.18	ng/ul	98
14) Acetophenone	8.94	105	33317	18.99	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.92	70	22418	19.89	ng/ul	94
16) 4-Methylphenol	8.91	108	22114	18.82	ng/ul	90
17) Hexachloroethane	9.20	117	8229	19.71	ng/ul	87
20) Nitrobenzene	9.33	77	29573	20.00	ng/ul	99
21) Isophorone	9.84	82	56498	19.33	ng/ul	98
23) 2-Nitrophenol	10.04	139	11156	19.01	ng/ul	94
24) 2,4-Dimethylphenol	10.10	107	26546	19.38	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.32	93	27983	19.41	ng/ul	98
27) 2,4-Dichlorophenol	10.60	162	17428	18.06	ng/ul	91
28) Naphthalene	10.97	128	62882	19.64	ng/ul	99
30) 4-Chloroaniline	11.08	127	26617	20.38	ng/ul	96
31) Hexachlorobutadiene	11.25	225	12668	20.32	ng/ul	97
32) Caprolactam	11.84	113	7484m	18.02	ng/ul	
33) 4-Chloro-3-methylphenol	12.23	107	24389	17.83	ng/ul	94
34) 2-Methylnaphthalene	12.57	142	45377	19.08	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	43036	19.05	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	23139	19.62	ng/ul	90
38) Hexachlorocyclopentadiene	12.91	237	9121	13.33	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.18	196	15721	18.53	ng/ul	99
40) 2,4,5-Trichlorophenol	13.29	196	17504	18.57	ng/ul	96
41) 1,1'-Biphenyl	13.56	154	59692	19.91	ng/ul	96
42) 2-Chloronaphthalene	13.61	162	46154	19.80	ng/ul	97
43) 2-Nitroaniline	13.82	65	21828	19.68	ng/ul	96
45) Dimethylphthalate	14.17	163	63339	19.17	ng/ul	98
46) 2,6-Dinitrotoluene	14.30	165	13399	19.37	ng/ul	99
48) Acenaphthylene	14.46	152	75750	19.57	ng/ul	98
49) 3-Nitroaniline	14.64	138	14088	20.68	ng/ul#	92
50) Acenaphthene	14.79	153	52195	19.44	ng/ul	98
51) 2,4-Dinitrophenol	14.84	184	7822	22.57	ng/ul	94
53) 4-Nitrophenol	15.01	109	14116	19.88	ng/ul	97
54) Dibenzofuran	15.13	168	71431	19.31	ng/ul	100
55) 2,4-Dinitrotoluene	15.09	165	20067	19.31	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.36	232	13871	16.84	ng/ul	94
57) Diethylphthalate	15.53	149	70510	19.41	ng/ul	98
59) Fluorene	15.77	166	62015	19.18	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.76	204	31097	19.19	ng/ul	96
61) 4-Nitroaniline	15.80	138	15686	19.22	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.85	198	12311	19.64	ng/ul#	85
65) N-Nitrosodiphenylamine	15.97	169	54480	19.02	ng/ul	98
66) 4-Bromophenyl-phenylether	16.65	248	18491	18.95	ng/ul	97
67) Hexachlorobenzene	16.77	284	19012	18.32	ng/ul	99
68) Atrazine	16.91	200	21477	19.74	ng/ul	98
69) Pentachlorophenol	17.12	266	9260	15.86	ng/ul	90
70) Phenanthrene	17.51	178	98730	19.20	ng/ul	99
72) Anthracene	17.60	178	100107	19.13	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	22099	20.09	ng/uL	92
74) Pentachlorobenzene	15.04	250	22397	19.08	ng/uL	98
75) Carbazole	17.87	167	87960	19.44	ng/ul	99
76) Di-n-butylphthalate	18.41	149	120964	19.62	ng/ul	99
77) Fluoranthene	19.51	202	113191	19.07	ng/ul	98
80) Pyrene	19.87	202	118435	19.64	ng/ul	98
81) Butylbenzylphthalate	20.74	149	54446	19.66	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.62	252	42255	21.32	ng/ul	95
83) Benzo(a)anthracene	21.71	228	112027	19.04	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	79574	19.31	ng/ul	99
85) Chrysene	21.78	228	104942	19.27	ng/ul	98
87) Di-n-octyl phthalate	22.81	149	138350	19.84	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	110005	19.05	ng/ul	99
89) Benzo(k)fluoranthene	24.02	252	109199	19.42	ng/ul	98
91) Benzo(a)pyrene	24.83	252	107307	18.92	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.70	276	121119	19.45	ng/ul	98
93) Dibenzo(a,h)anthracene	28.76	278	103208	19.50	ng/ul	98
94) Benzo(g,h,i)perylene	29.87	276	99360	19.34	ng/ul#	95

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

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