Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG021016\
Data File : BG020842.D
Acq On : 10 Feb 2016 16:03
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02025

Quant Time: Feb 11 03:31:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 11 03:24:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	21229	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	107469	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	62146	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	123931	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	114221	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	107083	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	3418	7.82	ng/uL	0.00
5) Phenol-d5	7.41	99	41932	19.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	22465	19.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	33983	20.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	35459	18.97	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	17464	20.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	18160	21.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	34452	20.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	47618	21.66	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	101277	18.94	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	133796	20.48	ng/ul	0.00
52) 4-Nitrophenol-d4	15.06	143	19357	18.08	ng/ul	0.00
58) Fluorene-d10	15.87	176	89520	19.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	10914	18.17	ng/ul	0.00
71) Anthracene-d10	17.72	188	123827	20.22	ng/ul	0.00
79) Pyrene-d10	19.98	212	123049	20.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	117506	19.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	3885	7.34	ng/uL	96
4) Benzaldehyde	7.40	77	27102	22.80	ng/ul	97
6) Phenol	7.44	94	44502	19.55	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.68	93	34125	19.56	ng/ul	98
10) 2-Chlorophenol	7.83	128	34498	19.94	ng/ul	99
11) 2-Methylphenol	8.70	108	35178	19.53	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.80	45	35635	19.67	ng/ul#	97
14) Acetophenone	9.09	105	54921	19.43	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.08	70	27192	19.02	ng/ul	94
16) 4-Methylphenol	9.03	108	38915	19.47	ng/ul	100
17) Hexachloroethane	9.37	117	13014	20.17	ng/ul	93
20) Nitrobenzene	9.49	77	36409	20.13	ng/ul	98
21) Isophorone	10.00	82	75604	18.70	ng/ul	99
23) 2-Nitrophenol	10.20	139	20539	20.45	ng/ul	98
24) 2,4-Dimethylphenol	10.25	107	39899	19.86	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.49	93	49538	19.30	ng/ul	99
27) 2,4-Dichlorophenol	10.73	162	35371	20.43	ng/ul	98
28) Naphthalene	11.15	128	123528	20.70	ng/ul	99
30) 4-Chloroaniline	11.25	127	50918	21.91	ng/ul	96
31) Hexachlorobutadiene	11.43	225	17538	21.24	ng/ul	97
32) Caprolactam	12.00	113	12818	18.25	ng/ul	94
33) 4-Chloro-3-methylphenol	12.34	107	38529	19.04	ng/ul	97
34) 2-Methylnaphthalene	12.74	142	91530	20.26	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	85837	20.06	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	38500	21.73	ng/ul	97
38) Hexachlorocyclopentadiene	13.07	237	17078	17.67	ng/ul	95
39) 2,4,6-Trichlorophenol	13.32	196	26952	21.03	ng/ul	97
40) 2,4,5-Trichlorophenol	13.39	196	28954	20.42	ng/ul	98
41) 1,1'-Biphenyl	13.72	154	114314	20.78	ng/ul	99
42) 2-Chloronaphthalene	13.77	162	85081	20.98	ng/ul	98
43) 2-Nitroaniline	13.96	65	21462	19.46	ng/ul	98
45) Dimethylphthalate	14.33	163	105616	18.97	ng/ul	99
46) 2,6-Dinitrotoluene	14.45	165	21744	19.87	ng/ul	99
48) Acenaphthylene	14.61	152	146650	20.46	ng/ul	98
49) 3-Nitroaniline	14.78	138	25314	20.53	ng/ul	96
50) Acenaphthene	14.95	153	101518	20.28	ng/ul	97
51) 2,4-Dinitrophenol	14.98	184	6603	15.41	ng/ul	95
53) 4-Nitrophenol	15.07	109	11043	18.10	ng/ul	94
54) Dibenzofuran	15.28	168	129252	19.88	ng/ul	97
55) 2,4-Dinitrotoluene	15.23	165	29079	19.16	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.50	232	23151	18.84	ng/ul	99
57) Diethylphthalate	15.68	149	108971	18.57	ng/ul	98
59) Fluorene	15.93	166	110740	19.58	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.91	204	47855	19.81	ng/ul	97
61) 4-Nitroaniline	15.93	138	26854	19.23	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.99	198	12210	18.07	ng/ul	98
65) N-Nitrosodiphenylamine	16.13	169	89888	21.13	ng/ul	99
66) 4-Bromophenyl-phenylether	16.81	248	27866	20.93	ng/ul	99
67) Hexachlorobenzene	16.92	284	30732	20.96	ng/ul	97
68) Atrazine	17.06	200	28172	20.45	ng/ul	98
69) Pentachlorophenol	17.26	266	16790	19.46	ng/ul	95
70) Phenanthrene	17.66	178	160358	20.53	ng/ul	99
72) Anthracene	17.76	178	161681	20.57	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	36586	23.80	ng/uL	100
74) Pentachlorobenzene	15.20	250	34968	22.36	ng/uL	99
75) Carbazole	18.02	167	143612	20.80	ng/ul	99
76) Di-n-butylphthalate	18.56	149	182142	20.51	ng/ul	100
77) Fluoranthene	19.66	202	168163	20.81	ng/ul	98
80) Pyrene	20.01	202	171677	20.81	ng/ul	97
81) Butylbenzylphthalate	20.88	149	79604	20.79	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.79	252	52669	21.42	ng/ul	98
83) Benzo(a)anthracene	21.88	228	152617	20.49	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	118645	20.45	ng/ul	99
85) Chrysene	21.95	228	140773	20.52	ng/ul	98
87) Di-n-octyl phthalate	23.05	149	195403	20.25	ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	145319	19.92	ng/ul	99
89) Benzo(k)fluoranthene	24.28	252	141328	20.29	ng/ul	99
91) Benzo(a)pyrene	25.13	252	138675	20.09	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.17	276	162356	20.40	ng/ul	97
93) Dibenzo(a,h)anthracene	29.24	278	130639	20.03	ng/ul	97
94) Benzo(g,h,i)perylene	30.39	276	133361	20.49	ng/ul	98

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

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