Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020816\
Data File : BG020806.D
Acq On : 8 Feb 2016 16:48
Operator : SJ/UM
Sample : SSTD01016
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01016

Quant Time: Feb 09 04:42:01 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 04:36:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	15346	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	78508	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	49818	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	115750	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	107549	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	99672	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	1271	3.75	ng/uL	0.00
5) Phenol-d5	7.40	99	14908	9.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	8839	10.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	12250	9.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	13124	9.50	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	6075	9.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	5971	9.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	11970	9.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	16129	8.74	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	43987	9.77	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	52672	9.56	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	8506	9.38	ng/ul	0.00
58) Fluorene-d10	15.87	176	36807	9.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	4331	8.43	ng/ul	0.00
71) Anthracene-d10	17.72	188	57052	9.59	ng/ul	0.00
79) Pyrene-d10	19.99	212	55100	9.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	55121	9.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	1673	4.43	ng/uL	93
4) Benzaldehyde	7.40	77	9762	9.75	ng/ul	96
6) Phenol	7.43	94	15819	9.38	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.68	93	12859	9.76	ng/ul	97
10) 2-Chlorophenol	7.83	128	12328	9.61	ng/ul	98
11) 2-Methylphenol	8.70	108	12363	9.29	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.80	45	13246	9.59	ng/ul	95
14) Acetophenone	9.09	105	20518	9.71	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.07	70	10411	9.59	ng/ul	93
16) 4-Methylphenol	9.02	108	14042	9.46	ng/ul	100
17) Hexachloroethane	9.36	117	4698	9.89	ng/ul	96
20) Nitrobenzene	9.48	77	13279	9.41	ng/ul	98
21) Isophorone	10.00	82	30415	9.95	ng/ul	97
23) 2-Nitrophenol	10.20	139	7155	9.41	ng/ul	98
24) 2,4-Dimethylphenol	10.25	107	14887	9.72	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.49	93	19053	9.79	ng/ul	100
27) 2,4-Dichlorophenol	10.73	162	12534	9.67	ng/ul	97
28) Naphthalene	11.15	128	43956	9.73	ng/ul	99
30) 4-Chloroaniline	11.24	127	16788	8.61	ng/ul	92
31) Hexachlorobutadiene	11.43	225	6211	10.04	ng/ul	93
32) Caprolactam	11.98	113	5400	9.56	ng/ul	95
33) 4-Chloro-3-methylphenol	12.34	107	14973	9.64	ng/ul	96
34) 2-Methylnaphthalene	12.73	142	33122	9.67	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	32135	9.92	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	13854	9.34	ng/ul#	95
38) Hexachlorocyclopentadiene	13.07	237	6682	9.21	ng/ul	97
39) 2,4,6-Trichlorophenol	13.32	196	9986	9.22	ng/ul	100
40) 2,4,5-Trichlorophenol	13.39	196	11124	9.35	ng/ul	99
41) 1,1'-Biphenyl	13.72	154	44492	9.69	ng/ul	98
42) 2-Chloronaphthalene	13.77	162	32116	9.37	ng/ul	98
43) 2-Nitroaniline	13.96	65	8793	9.25	ng/ul	93
45) Dimethylphthalate	14.33	163	46510	9.88	ng/ul	99
46) 2,6-Dinitrotoluene	14.45	165	8655	9.34	ng/ul	95
48) Acenaphthylene	14.61	152	57532	9.42	ng/ul	99
49) 3-Nitroaniline	14.77	138	10331	9.40	ng/ul	96
50) Acenaphthene	14.95	153	40628	9.73	ng/ul	96
51) 2,4-Dinitrophenol	14.98	184	2189	7.44	ng/ul#	85
53) 4-Nitrophenol	15.06	109	4917	9.26	ng/ul	96
54) Dibenzofuran	15.28	168	53446	9.63	ng/ul	97
55) 2,4-Dinitrotoluene	15.23	165	12145	9.28	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.50	232	10127	9.94	ng/ul	98
57) Diethylphthalate	15.68	149	48494	9.78	ng/ul	98
59) Fluorene	15.93	166	46117	9.69	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.91	204	19858	9.86	ng/ul	99
61) 4-Nitroaniline	15.93	138	11883	9.63	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.98	198	4921	8.41	ng/ul#	95
65) N-Nitrosodiphenylamine	16.12	169	39459	9.64	ng/ul	95
66) 4-Bromophenyl-phenylether	16.81	248	12155	9.47	ng/ul	99
67) Hexachlorobenzene	16.92	284	13468	9.63	ng/ul	99
68) Atrazine	17.06	200	12927	9.88	ng/ul	100
69) Pentachlorophenol	17.26	266	6902	8.69	ng/ul	97
70) Phenanthrene	17.66	178	73306	9.70	ng/ul	98
72) Anthracene	17.75	178	74249	9.66	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	13488	9.35	ng/uL	96
74) Pentachlorobenzene	15.20	250	14139	9.49	ng/uL	98
75) Carbazole	18.02	167	65839	9.73	ng/ul	98
76) Di-n-butylphthalate	18.56	149	82923	9.67	ng/ul	99
77) Fluoranthene	19.66	202	75531	9.57	ng/ul	98
80) Pyrene	20.01	202	78965	9.76	ng/ul	98
81) Butylbenzylphthalate	20.88	149	35625	9.64	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.79	252	23989	9.43	ng/ul	100
83) Benzo(a)anthracene	21.88	228	70414	9.69	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	54279	9.66	ng/ul	100
85) Chrysene	21.95	228	65282	9.72	ng/ul	98
87) Di-n-octyl phthalate	23.05	149	88960	9.55	ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	65317	9.29	ng/ul	96
89) Benzo(k)fluoranthene	24.28	252	66272	9.92	ng/ul	99
91) Benzo(a)pyrene	25.13	252	63936	9.74	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.15	276	73054	9.56	ng/ul	99
93) Dibenzo(a,h)anthracene	29.23	278	59482	9.48	ng/ul	99
94) Benzo(g,h,i)perylene	30.37	276	60444	9.81	ng/ul	98

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

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