Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024904.D
Acq On : 23 Nov 2016 11:40
Operator : UM/SJ
Sample : SSTD02028
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02028

Quant Time: Nov 23 13:51:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 23 13:49:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	105411	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	465558	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	381071	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	829747	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1035476	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	1081527	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	17962	8.83	ng/uL	0.00
5) Phenol-d5	7.39	99	201000	22.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	125662	22.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	142948	22.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	166710	21.98	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	72265	20.50	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	88824	21.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	173504	20.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	203743	21.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	559975	20.15	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	627708	20.73	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	100091	20.24	ng/ul	0.00
57) Fluorene-d10	15.86	176	518812	19.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	118414	20.76	ng/ul	0.00
70) Anthracene-d10	17.71	188	779159	21.26	ng/ul	0.00
76) Pyrene-d10	19.98	212	971651	21.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	985902	20.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	19831	7.78	ng/uL	87
4) Benzaldehyde	7.39	77	152183	26.16	ng/ul	99
6) Phenol	7.41	94	204731	21.70	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.66	93	147776	22.01	ng/ul	92
10) 2-Chlorophenol	7.81	128	140376	22.41	ng/ul	94
11) 2-Methylphenol	8.68	108	149827	21.68	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.78	45	262999	23.07	ng/ul#	94
14) Acetophenone	9.08	105	243679	21.34	ng/ul#	92
15) N-Nitroso-di-n-propylamine	9.05	70	144299	22.24	ng/ul	93
16) 4-Methylphenol	9.01	108	166714	22.30	ng/ul	99
17) Hexachloroethane	9.34	117	61936	21.60	ng/ul	88
20) Nitrobenzene	9.47	77	217405	20.77	ng/ul	99
21) Isophorone	9.99	82	405150	20.76	ng/ul	100
23) 2-Nitrophenol	10.18	139	93884	22.08	ng/ul#	85
24) 2,4-Dimethylphenol	10.22	107	206670	20.47	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.46	93	216039	21.08	ng/ul	96
27) 2,4-Dichlorophenol	10.72	162	169883	21.17	ng/ul	95
28) Naphthalene	11.13	128	453348	20.30	ng/ul	99
30) 4-Chloroaniline	11.24	127	201332	22.30	ng/ul	89
31) Hexachlorobutadiene	11.39	225	143925	20.42	ng/ul	94
32) Caprolactam	11.99	113	62849	19.86	ng/ul	90
33) 4-Chloro-3-methylphenol	12.33	107	205777	21.17	ng/ul	97
34) 2-Methylnaphthalene	12.71	142	363370	20.68	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	254845	20.61	ng/ul#	95
37) Hexachlorocyclopentadiene	13.04	237	153103	19.21	ng/ul	97
38) 2,4,6-Trichlorophenol	13.31	196	162492	21.60	ng/ul	91
39) 2,4,5-Trichlorophenol	13.38	196	179668	21.98	ng/ul	95
40) 1,1'-Biphenyl	13.70	154	508479	20.73	ng/ul	99
41) 2-Chloronaphthalene	13.75	162	399423	20.96	ng/ul	99
42) 2-Nitroaniline	13.96	65	158430	20.96	ng/ul	91
44) Dimethylphthalate	14.31	163	546901	20.52	ng/ul	96
45) 2,6-Dinitrotoluene	14.44	165	123888	22.11	ng/ul#	90
47) Acenaphthylene	14.59	152	618155	21.09	ng/ul	99
48) 3-Nitroaniline	14.78	138	115035	22.22	ng/ul#	93
49) Acenaphthene	14.94	153	415753	20.04	ng/ul	95
50) 2,4-Dinitrophenol	14.98	184	77600	19.36	ng/ul	94
52) 4-Nitrophenol	15.06	109	112136	18.94	ng/ul	92
53) Dibenzofuran	15.26	168	649374	20.46	ng/ul	97
54) 2,4-Dinitrotoluene	15.22	165	176516	20.83	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.49	232	172871	20.33	ng/ul#	91
56) Diethylphthalate	15.66	149	554181	19.57	ng/ul	97
58) Fluorene	15.91	166	519450	20.16	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.89	204	290440	19.93	ng/ul	91
60) 4-Nitroaniline	15.93	138	119757	20.33	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.99	198	122708	21.21	ng/ul#	92
64) N-Nitrosodiphenylamine	16.11	169	486872	21.72	ng/ul	94
65) 4-Bromophenyl-phenylether	16.79	248	211464	20.96	ng/ul	91
66) Hexachlorobenzene	16.91	284	242677	21.73	ng/ul	93
67) Atrazine	17.04	200	222868	21.21	ng/ul	98
68) Pentachlorophenol	17.25	266	137029	20.79	ng/ul	90
69) Phenanthrene	17.66	178	884181	21.37	ng/ul	99
71) Anthracene	17.74	178	912220	21.32	ng/ul	99
72) Carbazole	18.01	167	794987	22.65	ng/ul	99
73) Di-n-butylphthalate	18.54	149	959309	21.69	ng/ul	99
74) Fluoranthene	19.65	202	1134308	23.61	ng/ul	98
77) Pyrene	20.01	202	1126175	22.13	ng/ul	97
78) Butylbenzylphthalate	20.87	149	440574	21.15	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.79	252	442235	22.21	ng/ul	99
80) Benzo(a)anthracene	21.89	228	1181089	20.96	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.74	149	618252	21.69	ng/ul	98
82) Chrysene	21.96	228	1129969	21.39	ng/ul	98
84) Di-n-octyl phthalate	23.01	149	1043760	22.80	ng/ul	100
85) Benzo(b)fluoranthene	24.23	252	1204628	21.14	ng/ul	99
86) Benzo(k)fluoranthene	24.30	252	1134438	20.96	ng/ul	99
88) Benzo(a)pyrene	25.16	252	1152142	20.89	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.26	276	1415687	20.53	ng/ul	94
90) Dibenzo(a,h)anthracene	29.32	278	1187285	20.67	ng/ul	94
91) Benzo(g,h,i)perylene	30.51	276	1170920	20.62	ng/ul#	96

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

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