Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\
Data File : BG021246.D
Acq On : 3 Mar 2016 22:55
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02007

Manual Integrations APPROVED
UMANGI
3/7/2016 9:34:43 AM

Quant Time: Mar 04 02:37:02 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 02:26:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	10147	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	48929	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	28787	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	61214	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	69135	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	62752	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	2044	8.18	ng/uL	0.00
5) Phenol-d5	7.28	99	21445	19.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	15147	21.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	16034	21.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	17875	21.07	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	8625	21.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	8922	21.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	15851	20.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	21938	22.91	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	48362	20.05	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	63849	21.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	9186	19.54	ng/ul	0.00
58) Fluorene-d10	15.73	176	43400	20.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	8547	19.46	ng/ul	0.00
71) Anthracene-d10	17.57	188	63313	20.80	ng/ul	0.00
79) Pyrene-d10	19.85	212	70532	20.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	70488	20.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	2321	7.78	ng/uL	95
4) Benzaldehyde	7.27	77	17646	24.40	ng/ul	91
6) Phenol	7.31	94	23327	20.13	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.54	93	17281	20.22	ng/ul	93
10) 2-Chlorophenol	7.69	128	17159	21.26	ng/ul	96
11) 2-Methylphenol	8.57	108	17372	20.29	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.66	45	27525	21.25	ng/ul	95
14) Acetophenone	8.95	105	30352	21.18	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.94	70	18287	20.56	ng/ul#	97
16) 4-Methylphenol	8.89	108	19595	20.52	ng/ul	93
17) Hexachloroethane	9.22	117	7402	21.07	ng/ul	91
20) Nitrobenzene	9.34	77	26311	20.92	ng/ul	99
21) Isophorone	9.86	82	48715	20.91	ng/ul	97
23) 2-Nitrophenol	10.05	139	10172	21.07	ng/ul#	86
24) 2,4-Dimethylphenol	10.09	107	23669	20.94	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.33	93	25439	20.84	ng/ul	98
27) 2,4-Dichlorophenol	10.58	162	16593	21.00	ng/ul	99
28) Naphthalene	10.99	128	56679	20.65	ng/ul	100
30) 4-Chloroaniline	11.09	127	23651	22.63	ng/ul	94
31) Hexachlorobutadiene	11.27	225	10506	19.91	ng/ul	97
32) Caprolactam	11.86	113	5901m	19.37	ng/ul	
33) 4-Chloro-3-methylphenol	12.20	107	21781	20.66	ng/ul	97
34) 2-Methylnaphthalene	12.58	142	41107	20.69	ng/ul	97

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35) 1-Methylnaphthalene	12.80	142	38896	20.90	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	21287	21.65	ng/ul#	93
38) Hexachlorocyclopentadiene	12.92	237	13639	20.63	ng/ul	96
39) 2,4,6-Trichlorophenol	13.18	196	14317	21.45	ng/ul	94
40) 2,4,5-Trichlorophenol	13.25	196	15192	21.21	ng/ul	91
41) 1,1'-Biphenyl	13.58	154	52716	21.08	ng/ul	99
42) 2-Chloronaphthalene	13.62	162	40680	21.34	ng/ul	98
43) 2-Nitroaniline	13.82	65	17204	20.98	ng/ul	94
45) Dimethylphthalate	14.19	163	52619	20.27	ng/ul#	97
46) 2,6-Dinitrotoluene	14.31	165	11434	21.55	ng/ul	92
48) Acenaphthylene	14.46	152	64919	20.87	ng/ul	99
49) 3-Nitroaniline	14.64	138	11285	21.22	ng/ul#	85
50) Acenaphthene	14.81	153	45451	21.30	ng/ul	98
51) 2,4-Dinitrophenol	14.84	184	7124	19.51	ng/ul	92
53) 4-Nitrophenol	14.94	109	10809	19.00	ng/ul	95
54) Dibenzofuran	15.13	168	59984	20.68	ng/ul	99
55) 2,4-Dinitrotoluene	15.09	165	15792	20.08	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.35	232	12739	20.08	ng/ul	98
57) Diethylphthalate	15.54	149	53378	18.71	ng/ul	98
59) Fluorene	15.78	166	51272	20.30	ng/ul	92
60) 4-Chlorophenyl-phenylether	15.77	204	25107	19.80	ng/ul	98
61) 4-Nitroaniline	15.80	138	12260	19.35	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.85	198	9876	20.79	ng/ul	92
65) N-Nitrosodiphenylamine	15.98	169	43877	21.74	ng/ul	94
66) 4-Bromophenyl-phenylether	16.66	248	14554	21.31	ng/ul	98
67) Hexachlorobenzene	16.78	284	15693	23.39	ng/ul	95
68) Atrazine	16.92	200	15939	20.88	ng/ul	99
69) Pentachlorophenol	17.12	266	9394	20.38	ng/ul#	90
70) Phenanthrene	17.52	178	76986	20.91	ng/ul	99
72) Anthracene	17.61	178	78878	21.21	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	19559	23.56	ng/uL	91
74) Pentachlorobenzene	15.05	250	19030	23.05	ng/uL	94
75) Carbazole	17.87	167	67954	20.90	ng/ul	99
76) Di-n-butylphthalate	18.43	149	93506	21.24	ng/ul	99
77) Fluoranthene	19.52	202	89948	20.87	ng/ul	98
80) Pyrene	19.88	202	94988	20.50	ng/ul#	95
81) Butylbenzylphthalate	20.75	149	43641	20.77	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.63	252	34274	22.43	ng/ul	100
83) Benzo(a)anthracene	21.72	228	93650	20.90	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	63769	20.42	ng/ul	99
85) Chrysene	21.79	228	87233	20.85	ng/ul	96
87) Di-n-octyl phthalate	22.83	149	108616	20.74	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	91651	21.10	ng/ul	98
89) Benzo(k)fluoranthene	24.02	252	88419	21.10	ng/ul	97
91) Benzo(a)pyrene	24.84	252	87429	20.85	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.70	276	96128	21.09	ng/ul	99
93) Dibenzo(a,h)anthracene	28.77	278	82252	20.90	ng/ul	97
94) Benzo(g,h,i)perylene	29.86	276	79436	20.87	ng/ul	99

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

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