Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\
Data File : BG021243.D
Acq On : 3 Mar 2016 20:58
Operator : UM/SJ
Sample : SSTD04004
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD04004

Manual Integrations APPROVED
UMANGI
3/7/2016 9:34:37 AM

Quant Time: Mar 04 01:36:52 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 01:23:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	10204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	48909	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	29375	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	67479	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	75270	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	69400	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	3979	18.30	ng/uL	0.00
5) Phenol-d5	7.28	99	42970	40.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	28570	48.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	30431	37.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	33941	38.03	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	16001	40.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	17127	43.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	30431	40.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	41116	41.27	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	98723	39.41	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	123743	40.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	19942	40.25	ng/ul	0.00
58) Fluorene-d10	15.73	176	87014	40.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	20535	57.20	ng/ul	0.00
71) Anthracene-d10	17.58	188	138052	41.53	ng/ul	0.00
79) Pyrene-d10	19.85	212	153247	39.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	151197	39.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	4480	17.08	ng/uL	96
4) Benzaldehyde	7.27	77	33585	54.27	ng/ul	93
6) Phenol	7.31	94	46506	41.84	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.55	93	34680	41.18	ng/ul	99
10) 2-Chlorophenol	7.69	128	32931	39.64	ng/ul	98
11) 2-Methylphenol	8.56	108	34342	39.66	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.66	45	52080	53.89	ng/ul	97
14) Acetophenone	8.96	105	55974	40.45	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.94	70	35536	48.38	ng/ul#	97
16) 4-Methylphenol	8.89	108	38619	40.05	ng/ul	99
17) Hexachloroethane	9.22	117	14519	45.03	ng/ul	95
20) Nitrobenzene	9.34	77	51082	56.24	ng/ul	99
21) Isophorone	9.87	82	93841	48.18	ng/ul	98
23) 2-Nitrophenol	10.05	139	19855	43.04	ng/ul	97
24) 2,4-Dimethylphenol	10.10	107	45579	47.33	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.34	93	48821	41.43	ng/ul	98
27) 2,4-Dichlorophenol	10.58	162	32116	40.18	ng/ul	95
28) Naphthalene	10.99	128	109164	40.12	ng/ul	98
30) 4-Chloroaniline	11.10	127	44850	42.59	ng/ul	98
31) Hexachlorobutadiene	11.27	225	21066	51.60	ng/ul	96
32) Caprolactam	11.87	113	12467m	39.62	ng/ul	
33) 4-Chloro-3-methylphenol	12.20	107	42654	44.83	ng/ul	98
34) 2-Methylnaphthalene	12.58	142	78670	38.52	ng/ul	98

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35) 1-Methylnaphthalene	12.80	142	74970	38.87	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.95	216	40048	46.35	ng/ul	99
38) Hexachlorocyclopentadiene	12.92	237	26638	53.15	ng/ul	95
39) 2,4,6-Trichlorophenol	13.18	196	28391	45.82	ng/ul	97
40) 2,4,5-Trichlorophenol	13.25	196	30638	45.08	ng/ul	89
41) 1,1'-Biphenyl	13.58	154	102607	39.84	ng/ul	99
42) 2-Chloronaphthalene	13.62	162	78613	41.20	ng/ul	98
43) 2-Nitroaniline	13.82	65	35198	60.16	ng/ul	90
45) Dimethylphthalate	14.19	163	106205	40.58	ng/ul	99
46) 2,6-Dinitrotoluene	14.31	165	22665	43.73	ng/ul	94
48) Acenaphthylene	14.47	152	128106	38.64	ng/ul	99
49) 3-Nitroaniline	14.64	138	22598	39.52	ng/ul#	92
50) Acenaphthene	14.80	153	87821	37.88	ng/ul	97
51) 2,4-Dinitrophenol	14.84	184	15280	63.56	ng/ul	95
53) 4-Nitrophenol	14.94	109	23208	67.79	ng/ul	98
54) Dibenzofuran	15.14	168	118053	39.05	ng/ul	100
55) 2,4-Dinitrotoluene	15.10	165	32792	45.12	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.36	232	26492	45.03	ng/ul#	96
57) Diethylphthalate	15.55	149	115372	41.53	ng/ul	98
59) Fluorene	15.78	166	104822	39.80	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.77	204	52172	44.79	ng/ul	96
61) 4-Nitroaniline	15.81	138	26683	40.99	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.85	198	22216	55.55	ng/ul#	93
65) N-Nitrosodiphenylamine	15.98	169	90810	39.53	ng/ul	93
66) 4-Bromophenyl-phenylether	16.67	248	31133	42.93	ng/ul	97
67) Hexachlorobenzene	16.78	284	32163	40.82	ng/ul	99
68) Atrazine	16.93	200	34459	44.80	ng/ul	98
69) Pentachlorophenol	17.12	266	21254	44.66	ng/ul	90
70) Phenanthrene	17.52	178	164903	39.23	ng/ul	100
72) Anthracene	17.61	178	166775	39.58	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.55	216	37554	43.85	ng/uL#	91
74) Pentachlorobenzene	15.06	250	37626	43.67	ng/uL	95
75) Carbazole	17.88	167	146808	39.62	ng/ul	98
76) Di-n-butylphthalate	18.42	149	200295	41.37	ng/ul	99
77) Fluoranthene	19.51	202	194413	43.64	ng/ul	98
80) Pyrene	19.88	202	201492	37.81	ng/ul	98
81) Butylbenzylphthalate	20.75	149	92642	37.43	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.63	252	71276	43.84	ng/ul	99
83) Benzo(a)anthracene	21.72	228	195905	40.04	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	136697	36.60	ng/ul	99
85) Chrysene	21.79	228	183099	40.49	ng/ul	99
87) Di-n-octyl phthalate	22.83	149	234411	38.02	ng/ul	100
88) Benzo(b)fluoranthene	23.96	252	197578	41.46	ng/ul	99
89) Benzo(k)fluoranthene	24.03	252	183862	40.67	ng/ul	99
91) Benzo(a)pyrene	24.85	252	186531	41.22	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.72	276	205787	40.01	ng/ul	99
93) Dibenzo(a,h)anthracene	28.79	278	176062	41.36	ng/ul	99
94) Benzo(g,h,i)perylene	29.89	276	169834	40.15	ng/ul	98

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

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