Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\
Data File : BG021240.D
Acq On : 3 Mar 2016 19:00
Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

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

Quant Time: Mar 04 02:27:39 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	9428	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	42653	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	27191	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	66035	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	71841	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	68037	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	393	1.96	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.66	132	3081	4.15	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.30	128	1562	4.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	1676	4.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	3175	4.83	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.14	166	11112	4.79	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	13594	4.80	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.73	176	9705	4.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.58	188	15964m	4.91	ng/ul	0.00
79) Pyrene-d10	19.84	212	17987	4.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	17532	4.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	616	2.54	ng/uL#	82
10) 2-Chlorophenol	7.69	128	3347	4.36	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.93	70	3846	5.67	ng/ul#	92
17) Hexachloroethane	9.22	117	1423	4.78	ng/ul	92
20) Nitrobenzene	9.33	77	5328	6.73	ng/ul	97
21) Isophorone	9.86	82	9815	5.78	ng/ul#	96
23) 2-Nitrophenol	10.05	139	1954	4.86	ng/ul#	89
24) 2,4-Dimethylphenol	10.10	107	4677	5.57	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.33	93	5141	5.00	ng/ul	93
27) 2,4-Dichlorophenol	10.58	162	3169	4.55	ng/ul	94
28) Naphthalene	10.99	128	11960	5.04	ng/ul	96
31) Hexachlorobutadiene	11.27	225	2145	6.02	ng/ul	87
33) 4-Chloro-3-methylphenol	12.20	107	4455	5.37	ng/ul#	94
34) 2-Methylnaphthalene	12.58	142	8608	4.83	ng/ul	97
35) 1-Methylnaphthalene	12.80	142	8117	4.83	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	4485	5.61	ng/ul	98
39) 2,4,6-Trichlorophenol	13.18	196	2797	4.88	ng/ul	99
40) 2,4,5-Trichlorophenol	13.25	196	3047m	4.84	ng/ul	
41) 1,1'-Biphenyl	13.58	154	11533	4.84	ng/ul	97
42) 2-Chloronaphthalene	13.62	162	8461	4.79	ng/ul	94
43) 2-Nitroaniline	13.82	65	3283	6.06	ng/ul	94
45) Dimethylphthalate	14.19	163	12308	5.08	ng/ul#	96
46) 2,6-Dinitrotoluene	14.31	165	2338	4.87	ng/ul	89

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48) Acenaphthylene	14.46	152	14369	4.68	ng/ul	95
50) Acenaphthene	14.80	153	9870	4.60	ng/ul	96
54) Dibenzofuran	15.13	168	13492	4.82	ng/ul	98
55) 2,4-Dinitrotoluene	15.09	165	3465	5.15	ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	15.36	232	2882	5.29	ng/ul#	95
57) Diethylphthalate	15.54	149	13601	5.29	ng/ul	98
59) Fluorene	15.78	166	11534	4.73	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.77	204	5870	5.44	ng/ul	99
65) N-Nitrosodiphenylamine	15.98	169	10274	4.57	ng/ul	93
66) 4-Bromophenyl-phenylether	16.67	248	3601	5.07	ng/ul	96
67) Hexachlorobenzene	16.78	284	2985	3.87	ng/ul#	84
70) Phenanthrene	17.52	178	19741m	4.80	ng/ul	
72) Anthracene	17.61	178	19644	4.76	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.55	216	4194	5.00	ng/uL	96
74) Pentachlorobenzene	15.06	250	4158	4.93	ng/uL	94
76) Di-n-butylphthalate	18.42	149	22335	4.71	ng/ul	99
80) Pyrene	19.87	202	24242	4.77	ng/ul	98
81) Butylbenzylphthalate	20.75	149	10586	4.48	ng/ul	96
83) Benzo(a)anthracene	21.72	228	22855	4.89	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	15863	4.45	ng/ul#	95
85) Chrysene	21.78	228	20918	4.85	ng/ul	97
88) Benzo(b)fluoranthene	23.95	252	22109	4.73	ng/ul	96
89) Benzo(k)fluoranthene	24.02	252	21856	4.93	ng/ul	97
91) Benzo(a)pyrene	24.83	252	21508	4.85	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	28.69	276	22799	4.52	ng/ul	96
93) Dibenzo(a,h)anthracene	28.76	278	20560m	4.93	ng/ul	
94) Benzo(g,h,i)perylene	29.87	276	20107	4.85	ng/ul	96

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

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