Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012716\
Data File : BG020760.D
Acq On : 27 Jan 2016 10:13
Operator : SJ/IZ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD00501

Quant Time: Jan 27 13:38:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 27 13:19:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	14111	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	73019	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.90	164	49604	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.63	188	122480	20.00	ng/ul	0.00
78) Chrysene-d12	21.92	240	109982	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	105324	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	555	1.92	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	7.81	132	5026	5.30	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.45	128	1724	2.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	1500	2.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	4605	3.61	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.29	166	21026	4.86	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	24791	5.10	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.88	176	18854	4.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.73	188	29632	4.94	ng/ul	0.00
79) Pyrene-d10	20.00	212	28700	5.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	26380	4.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	992	2.84	ng/uL#	69
10) 2-Chlorophenol	7.84	128	5152	5.18	ng/ul#	88
15) N-Nitroso-di-n-propylamine	9.09	70	4418	5.18	ng/ul#	87
17) Hexachloroethane	9.38	117	1835	4.34	ng/ul#	71
20) Nitrobenzene	9.50	77	4278	2.86	ng/ul#	81
21) Isophorone	10.02	82	13131	4.48	ng/ul	95
23) 2-Nitrophenol	10.21	139	1740	2.34	ng/ul#	74
24) 2,4-Dimethylphenol	10.26	107	5960	3.82	ng/ul#	72
25) Bis(2-Chloroethoxy)methane	10.50	93	8272	5.04	ng/ul	99
27) 2,4-Dichlorophenol	10.74	162	5019	3.71	ng/ul	97
28) Naphthalene	11.16	128	20408	4.95	ng/ul	98
31) Hexachlorobutadiene	11.44	225	2730	2.38	ng/ul	90
33) 4-Chloro-3-methylphenol	12.35	107	6129	4.20	ng/ul	91
34) 2-Methylnaphthalene	12.75	142	15519	5.04	ng/ul	99
35) 1-Methylnaphthalene	12.96	142	14914	5.13	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	6527	3.22	ng/ul#	92
39) 2,4,6-Trichlorophenol	13.33	196	4064	3.67	ng/ul	98
40) 2,4,5-Trichlorophenol	13.40	196	4650	3.83	ng/ul	92
41) 1,1'-Biphenyl	13.73	154	21034	5.30	ng/ul#	97
42) 2-Chloronaphthalene	13.78	162	15339	4.74	ng/ul	98
43) 2-Nitroaniline	13.97	65	1936	2.08	ng/ul#	72
45) Dimethylphthalate	14.34	163	22026	4.74	ng/ul#	98
46) 2,6-Dinitrotoluene	14.46	165	1947	2.14	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.62	152	27939	5.45	ng/ul	99
50) Acenaphthene	14.96	153	19519	5.51	ng/ul	97
54) Dibenzofuran	15.29	168	26312	4.94	ng/ul	91
55) 2,4-Dinitrotoluene	15.23	165	2768	2.02	ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.50	232	3779	3.49	ng/ul#	78
57) Diethylphthalate	15.69	149	23708	5.02	ng/ul	96
59) Fluorene	15.94	166	22942	5.28	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.93	204	10016	3.97	ng/ul	92
65) N-Nitrosodiphenylamine	16.13	169	19318	5.44	ng/ul	93
66) 4-Bromophenyl-phenylether	16.82	248	6140	3.96	ng/ul	91
67) Hexachlorobenzene	16.94	284	6901	4.02	ng/ul#	88
70) Phenanthrene	17.67	178	37651	5.17	ng/ul	100
72) Anthracene	17.76	178	37861	5.15	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.71	216	6363	3.61	ng/uL	96
74) Pentachlorobenzene	15.21	250	6847	3.73	ng/uL	96
76) Di-n-butylphthalate	18.58	149	38479	5.22	ng/ul#	98
80) Pyrene	20.02	202	41252	5.92	ng/ul#	76
81) Butylbenzylphthalate	20.90	149	14197	6.06	ng/ul	96
83) Benzo(a)anthracene	21.90	228	34381	5.01	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.79	149	22585	6.53	ng/ul#	98
85) Chrysene	21.96	228	32430	5.00	ng/ul	99
88) Benzo(b)fluoranthene	24.23	252	32314	4.76	ng/ul#	92
89) Benzo(k)fluoranthene	24.30	252	31795	4.75	ng/ul#	92
91) Benzo(a)pyrene	25.15	252	31444	4.82	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	29.18	276	36281	4.71	ng/ul#	88
93) Dibenzo(a,h)anthracene	29.27	278	29897	4.71	ng/ul#	91
94) Benzo(g,h,i)perylene	30.39	276	29636	4.66	ng/ul#	87

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

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