Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019377.D
Acq On : 28 Oct 2015 11:52
Operator : UM/NP
Sample : SSTD01011
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01011

Quant Time: Oct 28 13:45:46 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 28 14:34:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	23013	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	93275	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	75819	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	221424	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	280102	20.00	ng/ul	0.00
86) Perylene-d12	25.24	264	263881	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	1900	4.58	ng/uL	0.00
5) Phenol-d5	7.35	99	20144	9.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	13388	11.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	13179	10.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	15484	9.81	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	6299	8.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	7549	9.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	16924	9.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	19085	10.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	61972	9.86	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	67397	9.69	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	9713	9.50	ng/ul	0.00
58) Fluorene-d10	15.82	176	56766	9.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	12516	8.59	ng/ul	0.00
71) Anthracene-d10	17.67	188	101121	9.97	ng/ul	0.00
79) Pyrene-d10	19.95	212	122228	9.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.00	264	132932	9.88	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2147	4.62	ng/uL	94
4) Benzaldehyde	7.33	77	17758	14.13	ng/ul	93
6) Phenol	7.38	94	21052	9.89	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.61	93	15819	10.93	ng/ul	94
10) 2-Chlorophenol	7.76	128	12842	9.66	ng/ul	97
11) 2-Methylphenol	8.65	108	16095	9.76	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.74	45	12970	12.18	ng/ul	92
14) Acetophenone	9.03	105	27925	10.53	ng/ul	87
15) N-Nitroso-di-n-propylamine	9.01	70	17593	10.79	ng/ul#	88
16) 4-Methylphenol	8.97	108	16844	9.64	ng/ul	99
17) Hexachloroethane	9.31	117	7946	11.66	ng/ul#	83
20) Nitrobenzene	9.42	77	27385	10.85	ng/ul#	93
21) Isophorone	9.94	82	48033	10.90	ng/ul	98
23) 2-Nitrophenol	10.13	139	8952	9.94	ng/ul#	88
24) 2,4-Dimethylphenol	10.19	107	23626	10.36	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.42	93	23073	10.83	ng/ul#	94
27) 2,4-Dichlorophenol	10.68	162	16072	9.34	ng/ul#	80
28) Naphthalene	11.09	128	46033	9.91	ng/ul	99
30) 4-Chloroaniline	11.18	127	20435	11.23	ng/ul	92
31) Hexachlorobutadiene	11.36	225	16801	9.43	ng/ul#	83
32) Caprolactam	11.92	113	6661	12.11	ng/ul	88
33) 4-Chloro-3-methylphenol	12.29	107	20930	9.46	ng/ul#	80
34) 2-Methylnaphthalene	12.67	142	37071	9.59	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.89	142	34626	9.61 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	30121	9.73 ng/ul#	89
38) Hexachlorocyclopentadiene	13.01	237	21015	8.49 ng/ul	95
39) 2,4,6-Trichlorophenol	13.27	196	17571	9.35 ng/ul	96
40) 2,4,5-Trichlorophenol	13.34	196	19617	9.32 ng/ul	89
41) 1,1'-Biphenyl	13.67	154	51990	9.50 ng/ul#	95
42) 2-Chloronaphthalene	13.71	162	40397	9.39 ng/ul	93
43) 2-Nitroaniline	13.91	65	16909	9.95 ng/ul	94
45) Dimethylphthalate	14.27	163	64039	10.20 ng/ul#	94
46) 2,6-Dinitrotoluene	14.39	165	12352	9.37 ng/ul#	97
48) Acenaphthylene	14.55	152	72357	10.26 ng/ul	99
49) 3-Nitroaniline	14.73	138	11745	10.69 ng/ul	99
50) Acenaphthene	14.89	153	46086	9.77 ng/ul	97
51) 2,4-Dinitrophenol	14.92	184	8093	7.69 ng/ul#	90
53) 4-Nitrophenol	15.02	109	15269	9.06 ng/ul	88
54) Dibenzofuran	15.22	168	70356	9.83 ng/ul	100
55) 2,4-Dinitrotoluene	15.18	165	20333	10.47 ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.45	232	20714	8.81 ng/ul#	95
57) Diethylphthalate	15.62	149	64246	10.27 ng/ul	93
59) Fluorene	15.88	166	60741	9.77 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.86	204	36535	9.57 ng/ul	96
61) 4-Nitroaniline	15.88	138	12840	9.90 ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.93	198	14033	9.18 ng/ul#	86
65) N-Nitrosodiphenylamine	16.07	169	57408	10.18 ng/ul	99
66) 4-Bromophenyl-phenylether	16.75	248	25517	9.31 ng/ul	96
67) Hexachlorobenzene	16.87	284	26374	9.26 ng/ul#	93
68) Atrazine	17.01	200	28290	9.84 ng/ul	96
69) Pentachlorophenol	17.22	266	13568	6.69 ng/ul	96
70) Phenanthrene	17.61	178	110491	9.87 ng/ul	98
72) Anthracene	17.71	178	113012	10.00 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	30406	9.92 ng/uL	90
74) Pentachlorobenzene	15.15	250	31322	9.94 ng/uL	92
75) Carbazole	17.97	167	92061	10.01 ng/ul	96
76) Di-n-butylphthalate	18.51	149	113121	10.43 ng/ul	97
77) Fluoranthene	19.61	202	154521	10.29 ng/ul	98
80) Pyrene	19.98	202	159074	10.13 ng/ul#	97
81) Butylbenzylphthalate	20.85	149	51136	10.61 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.75	252	54770	9.87 ng/ul	98
83) Benzo(a)anthracene	21.84	228	165834	10.21 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.73	149	72751	10.92 ng/ul	99
85) Chrysene	21.91	228	156091	10.45 ng/ul	94
87) Di-n-octyl phthalate	23.00	149	121031	10.88 ng/ul	100
88) Benzo(b)fluoranthene	24.15	252	152469	9.45 ng/ul#	99
89) Benzo(k)fluoranthene	24.22	252	150498	9.77 ng/ul#	96
91) Benzo(a)pyrene	25.08	252	148302	9.92 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.10	276	165297	9.80 ng/ul	96
93) Dibenzo(a,h)anthracene	29.17	278	138665	9.91 ng/ul	92
94) Benzo(g,h,i)perylene	30.32	276	137227	9.84 ng/ul	96

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

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