Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019426.D
Acq On : 29 Oct 2015 21:08
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02020

Quant Time: Oct 30 03:30:12 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	45408	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	187829	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	139571	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	355434	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	427717	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	371780	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	6536	6.89	ng/uL	0.00
5) Phenol-d5	7.36	99	88909	21.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	56686	21.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	54354	20.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	71558	21.55	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	28725	20.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	34024	20.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	73563	20.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	81302	22.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	220715	19.18	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	259751	20.38	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	36122	19.76	ng/ul	0.00
58) Fluorene-d10	15.82	176	206837	19.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.94	200	45421	19.74	ng/ul	0.00
71) Anthracene-d10	17.68	188	314264	19.40	ng/ul	0.00
79) Pyrene-d10	19.95	212	358880	19.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.02	264	385124	20.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	8020	7.43	ng/uL#	82
4) Benzaldehyde	7.34	77	64388	23.75	ng/ul	96
6) Phenol	7.39	94	96310	21.69	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.61	93	62640	20.53	ng/ul	99
10) 2-Chlorophenol	7.76	128	54842	20.47	ng/ul	98
11) 2-Methylphenol	8.65	108	68239	20.78	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.74	45	48586	19.87	ng/ul	93
14) Acetophenone	9.03	105	110908	19.90	ng/ul	87
15) N-Nitroso-di-n-propylamine	9.01	70	71877	19.67	ng/ul#	92
16) 4-Methylphenol	8.98	108	74765	20.85	ng/ul	94
17) Hexachloroethane	9.30	117	24083	17.21	ng/ul#	87
20) Nitrobenzene	9.42	77	107653	19.95	ng/ul	98
21) Isophorone	9.94	82	175620	17.96	ng/ul	97
23) 2-Nitrophenol	10.14	139	35697	19.18	ng/ul	91
24) 2,4-Dimethylphenol	10.19	107	94921	19.52	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.43	93	94543	20.43	ng/ul	96
27) 2,4-Dichlorophenol	10.68	162	68664	20.21	ng/ul#	91
28) Naphthalene	11.08	128	185854	19.78	ng/ul	96
30) 4-Chloroaniline	11.19	127	80483	21.35	ng/ul	94
31) Hexachlorobutadiene	11.37	225	64376	18.54	ng/ul#	89
32) Caprolactam	11.95	113	22697	18.64	ng/ul#	77
33) 4-Chloro-3-methylphenol	12.31	107	89500	19.62	ng/ul#	98
34) 2-Methylnaphthalene	12.68	142	146769	19.43	ng/ul	98

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35) 1-Methylnaphthalene	12.89	142	143951	20.15	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	119123	20.71	ng/ul#	97
38) Hexachlorocyclopentadiene	13.02	237	48329	11.32	ng/ul	99
39) 2,4,6-Trichlorophenol	13.28	196	74995	22.05	ng/ul	96
40) 2,4,5-Trichlorophenol	13.35	196	78160	20.94	ng/ul	99
41) 1,1'-Biphenyl	13.67	154	206220	20.90	ng/ul#	97
42) 2-Chloronaphthalene	13.72	162	161785	21.02	ng/ul	96
43) 2-Nitroaniline	13.92	65	68587	20.84	ng/ul	92
45) Dimethylphthalate	14.28	163	223451	18.99	ng/ul	98
46) 2,6-Dinitrotoluene	14.40	165	48513	20.36	ng/ul	88
48) Acenaphthylene	14.56	152	265519	20.34	ng/ul	99
49) 3-Nitroaniline	14.73	138	42031	20.50	ng/ul#	86
50) Acenaphthene	14.90	153	178843	20.28	ng/ul	94
51) 2,4-Dinitrophenol	14.94	184	32887	18.36	ng/ul	93
53) 4-Nitrophenol	15.04	109	51807	18.17	ng/ul#	67
54) Dibenzofuran	15.23	168	260385	20.05	ng/ul	99
55) 2,4-Dinitrotoluene	15.18	165	71362	18.97	ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.46	232	78595	20.14	ng/ul#	96
57) Diethylphthalate	15.63	149	212552	18.29	ng/ul	99
59) Fluorene	15.88	166	216826	19.14	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.87	204	129095	19.18	ng/ul	99
61) 4-Nitroaniline	15.90	138	43148	18.31	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.95	198	48256	19.39	ng/ul#	91
65) N-Nitrosodiphenylamine	16.08	169	190181	20.69	ng/ul	94
66) 4-Bromophenyl-phenylether	16.76	248	89389	21.16	ng/ul	96
67) Hexachlorobenzene	16.88	284	96627	21.55	ng/ul	97
68) Atrazine	17.02	200	84021	18.44	ng/ul	99
69) Pentachlorophenol	17.22	266	55620	21.02	ng/ul	95
70) Phenanthrene	17.62	178	349982	19.51	ng/ul	98
72) Anthracene	17.71	178	354748	19.40	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	118785	23.07	ng/uL	92
74) Pentachlorobenzene	15.15	250	112429	21.66	ng/uL	97
75) Carbazole	17.98	167	295918	20.28	ng/ul#	95
76) Di-n-butylphthalate	18.52	149	326780	18.07	ng/ul	98
77) Fluoranthene	19.62	202	460465	19.83	ng/ul	98
80) Pyrene	19.98	202	460736	19.20	ng/ul#	95
81) Butylbenzylphthalate	20.85	149	146042	18.72	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.75	252	158157	18.87	ng/ul	98
83) Benzo(a)anthracene	21.85	228	491939	19.75	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.73	149	209104	18.86	ng/ul	98
85) Chrysene	21.92	228	457980	19.60	ng/ul	98
87) Di-n-octyl phthalate	23.00	149	353466	20.99	ng/ul	100
88) Benzo(b)fluoranthene	24.17	252	440795	20.10	ng/ul#	99
89) Benzo(k)fluoranthene	24.24	252	459489	21.77	ng/ul	96
91) Benzo(a)pyrene	25.09	252	417502	19.82	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	29.13	276	333026	14.03	ng/ul	99
93) Dibenzo(a,h)anthracene	29.20	278	337709	17.05	ng/ul	95
94) Benzo(g,h,i)perylene	30.34	276	350993	19.49	ng/ul	95

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