Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090115\
Data File : BG018570.D
Acq On : 1 Sep 2015 20:10
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02023

Quant Time: Sep 02 02:20:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 02 02:18:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	85332	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	390719	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	259369	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	669316	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	690903	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	703229	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	15253	7.90	ng/uL	0.00
5) Phenol-d5	7.17	99	162448	20.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	96161	20.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	121014	20.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	137526	21.13	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	65191	21.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	69133	22.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	146705	22.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	191096	25.68	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	465440	21.33	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	563665	20.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	91084	23.20	ng/ul	0.00
58) Fluorene-d10	15.63	176	399402	21.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	73584	22.35	ng/ul	0.00
71) Anthracene-d10	17.48	188	648321	20.25	ng/ul	0.00
79) Pyrene-d10	19.76	212	709509	19.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	759621	20.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	16547	8.00	ng/uL	89
4) Benzaldehyde	7.14	77	106301	23.40	ng/ul	96
6) Phenol	7.20	94	167026	21.14	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.43	93	123235	20.28	ng/ul	97
10) 2-Chlorophenol	7.57	128	122299	20.23	ng/ul	94
11) 2-Methylphenol	8.45	108	129590	21.16	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.54	45	160720	16.48	ng/ul#	96
14) Acetophenone	8.82	105	202511	21.55	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.81	70	108381	20.09	ng/ul	89
16) 4-Methylphenol	8.78	108	145860	21.82	ng/ul	91
17) Hexachloroethane	9.09	117	48340	18.55	ng/ul	90
20) Nitrobenzene	9.21	77	154455	20.10	ng/ul#	94
21) Isophorone	9.73	82	308745	20.88	ng/ul	99
23) 2-Nitrophenol	9.92	139	73603	21.37	ng/ul	91
24) 2,4-Dimethylphenol	9.98	107	157063	20.35	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.22	93	185216	20.10	ng/ul	99
27) 2,4-Dichlorophenol	10.46	162	136537	22.14	ng/ul	97
28) Naphthalene	10.86	128	428614	20.75	ng/ul	98
30) 4-Chloroaniline	10.97	127	187540	24.78	ng/ul	99
31) Hexachlorobutadiene	11.15	225	78947	20.27	ng/ul	92
32) Caprolactam	11.72	113	63440	25.53	ng/ul	96
33) 4-Chloro-3-methylphenol	12.09	107	156082	21.84	ng/ul	99
34) 2-Methylnaphthalene	12.47	142	322019	21.53	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.68	142	315424	21.60	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	168694	20.29	ng/ul	98
38) Hexachlorocyclopentadiene	12.81	237	83154	16.79	ng/ul#	84
39) 2,4,6-Trichlorophenol	13.07	196	121415	21.43	ng/ul	99
40) 2,4,5-Trichlorophenol	13.14	196	130130	21.36	ng/ul	97
41) 1,1'-Biphenyl	13.47	154	431606	19.94	ng/ul	97
42) 2-Chloronaphthalene	13.51	162	331878	19.74	ng/ul	96
43) 2-Nitroaniline	13.71	65	106786	19.67	ng/ul#	81
45) Dimethylphthalate	14.09	163	446127	20.73	ng/ul	98
46) 2,6-Dinitrotoluene	14.21	165	96090	22.42	ng/ul	93
48) Acenaphthylene	14.36	152	575974	20.90	ng/ul	98
49) 3-Nitroaniline	14.54	138	108733	24.87	ng/ul	88
50) Acenaphthene	14.70	153	394535	20.41	ng/ul	99
51) 2,4-Dinitrophenol	14.74	184	41897	20.04	ng/ul	89
53) 4-Nitrophenol	14.84	109	64405	18.87	ng/ul	93
54) Dibenzofuran	15.03	168	537873	21.29	ng/ul	97
55) 2,4-Dinitrotoluene	14.99	165	140319	22.93	ng/ul#	88
56) 2,3,4,6-Tetrachlorophenol	15.26	232	120290	22.67	ng/ul#	98
57) Diethylphthalate	15.45	149	473718	20.71	ng/ul	98
59) Fluorene	15.68	166	462933	21.30	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.68	204	216090	21.01	ng/ul	95
61) 4-Nitroaniline	15.70	138	114616	23.73	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.76	198	76959	21.92	ng/ul	94
65) N-Nitrosodiphenylamine	15.89	169	399998	19.86	ng/ul	97
66) 4-Bromophenyl-phenylether	16.57	248	144349	19.94	ng/ul	94
67) Hexachlorobenzene	16.69	284	156681	20.47	ng/ul	96
68) Atrazine	16.83	200	168552	22.36	ng/ul	95
69) Pentachlorophenol	17.03	266	96943	18.91	ng/ul	91
70) Phenanthrene	17.42	178	741945	20.43	ng/ul	100
72) Anthracene	17.51	178	767696	20.74	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	178750	19.30	ng/uL	96
74) Pentachlorobenzene	14.96	250	175756	19.88	ng/uL	95
75) Carbazole	17.78	167	730806	22.52	ng/ul	99
76) Di-n-butylphthalate	18.34	149	867226	20.46	ng/ul	99
77) Fluoranthene	19.43	202	899561	23.19	ng/ul	99
80) Pyrene	19.79	202	914724	19.58	ng/ul	99
81) Butylbenzylphthalate	20.68	149	380110	19.23	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.53	252	312832	21.80	ng/ul	98
83) Benzo(a)anthracene	21.62	228	860150	20.08	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.53	149	558055	19.99	ng/ul	98
85) Chrysene	21.69	228	797168	19.90	ng/ul	98
87) Di-n-octyl phthalate	22.73	149	947109	20.87	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	892390	20.20	ng/ul	99
89) Benzo(k)fluoranthene	23.88	252	838381	19.71	ng/ul	99
91) Benzo(a)pyrene	24.69	252	834812	19.87	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.47	276	972249	20.00	ng/ul	100
93) Dibenzo(a,h)anthracene	28.53	278	786153	19.47	ng/ul	97
94) Benzo(g,h,i)perylene	29.61	276	814644	19.96	ng/ul	99

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

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