Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071015\
Data File : BG017813.D
Acq On : 10 Jul 2015 16:43
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02045

Quant Time: Jul 10 23:34:00 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 10 23:32:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	56827	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	271314	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	170747	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	370866	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	399089	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	365343	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	12701	9.01	ng/uL	0.00
5) Phenol-d5	6.77	99	110085	20.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	68794	21.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	85036	19.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	87477	19.26	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	42645	18.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	41406	18.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	79034	19.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	129682	23.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	260298	20.04	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	318622	20.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	54557	19.70	ng/ul	0.00
57) Fluorene-d10	15.25	176	232945	20.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	37930	16.94	ng/ul	0.00
70) Anthracene-d10	17.10	188	352876	20.35	ng/ul	0.00
78) Pyrene-d10	19.41	212	395942	20.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	375499	20.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	12512	8.40	ng/uL	98
4) Benzaldehyde	6.74	77	79637	24.20	ng/ul	97
6) Phenol	6.79	94	119869	20.53	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.03	93	87426	20.44	ng/ul	98
10) 2-Chlorophenol	7.16	128	86518	19.88	ng/ul	97
11) 2-Methylphenol	8.04	108	88850	20.02	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	142240	22.20	ng/ul	98
14) Acetophenone	8.41	105	140673	21.09	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.40	70	87068	21.04	ng/ul	98
16) 4-Methylphenol	8.37	108	99010	19.77	ng/ul	94
17) Hexachloroethane	8.67	117	36510	20.30	ng/ul	93
20) Nitrobenzene	8.78	77	112523	20.67	ng/ul	95
21) Isophorone	9.31	82	229869	21.34	ng/ul	99
23) 2-Nitrophenol	9.49	139	45964	18.44	ng/ul	93
24) 2,4-Dimethylphenol	9.56	107	110794	21.07	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.80	93	121168	21.04	ng/ul	97
27) 2,4-Dichlorophenol	10.02	162	79215	20.01	ng/ul	95
28) Naphthalene	10.42	128	294427	20.70	ng/ul	98
30) 4-Chloroaniline	10.54	127	128518	23.34	ng/ul	91
31) Hexachlorobutadiene	10.71	225	40845	19.11	ng/ul	97
32) Caprolactam	11.29	113	66137	20.93	ng/ul	97
33) 4-Chloro-3-methylphenol	11.67	107	104578	20.60	ng/ul	97
34) 2-Methylnaphthalene	12.05	142	209354	20.38	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	89200	20.22 ng/ul	99
37) Hexachlorocyclopentadiene	12.41	237	46083	18.37 ng/ul	98
38) 2,4,6-Trichlorophenol	12.67	196	56542	18.51 ng/ul	93
39) 2,4,5-Trichlorophenol	12.74	196	64733	19.41 ng/ul	94
40) 1,1'-Biphenyl	13.08	154	262767	20.01 ng/ul	97
41) 2-Chloronaphthalene	13.12	162	200493	20.14 ng/ul	99
42) 2-Nitroaniline	13.32	65	73332	20.04 ng/ul	85
44) Dimethylphthalate	13.72	163	271740	20.37 ng/ul	99
45) 2,6-Dinitrotoluene	13.84	165	49948	17.99 ng/ul#	85
47) Acenaphthylene	13.97	152	351913	20.62 ng/ul	99
48) 3-Nitroaniline	14.16	138	64721	21.31 ng/ul	91
49) Acenaphthene	14.32	153	234570	20.59 ng/ul	98
50) 2,4-Dinitrophenol	14.37	184	24524	16.91 ng/ul	89
52) 4-Nitrophenol	14.48	109	46951	21.01 ng/ul	96
53) Dibenzofuran	14.65	168	312608	20.16 ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	76135	19.49 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.88	232	51693	18.41 ng/ul	95
56) Diethylphthalate	15.09	149	298687	20.88 ng/ul	98
58) Fluorene	15.30	166	279181	20.27 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.30	204	125214	19.76 ng/ul	89
60) 4-Nitroaniline	15.33	138	75219	21.10 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.39	198	42300	17.78 ng/ul	97
64) N-Nitrosodiphenylamine	15.52	169	233759	20.16 ng/ul	98
65) 4-Bromophenyl-phenylether	16.20	248	73519	19.83 ng/ul	94
66) Hexachlorobenzene	16.31	284	77558	19.49 ng/ul#	88
67) Atrazine	16.48	200	90869	21.20 ng/ul	96
68) Pentachlorophenol	16.66	266	42300	17.13 ng/ul	92
69) Phenanthrene	17.05	178	428984	20.68 ng/ul	98
71) Anthracene	17.14	178	444501	20.86 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.04	216	87084	19.52 ng/uL	99
73) Pentachlorobenzene	14.57	250	90057	19.58 ng/uL	97
74) Carbazole	17.41	167	428802	22.68 ng/ul	100
75) Di-n-butylphthalate	17.99	149	561749	21.69 ng/ul	100
76) Fluoranthene	19.07	202	492485	23.18 ng/ul	97
79) Pyrene	19.44	202	514385	20.70 ng/ul	97
80) Butylbenzylphthalate	20.36	149	235937	20.21 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.13	252	155919	21.95 ng/ul	98
82) Benzo(a)anthracene	21.19	228	463113	20.54 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	325726	20.36 ng/ul	99
84) Chrysene	21.24	228	432227	20.44 ng/ul	98
86) Di-n-octyl phthalate	22.01	149	539316	23.06 ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	424372	20.09 ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	431126	21.43 ng/ul	99
90) Benzo(a)pyrene	23.33	252	424450	20.90 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.68	276	463028	20.27 ng/ul	96
92) Dibenzo(a,h)anthracene	25.70	278	396779	20.25 ng/ul	99
93) Benzo(g,h,i)perylene	26.37	276	385965	20.39 ng/ul	97

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

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