Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024262.D
Acq On : 11 Oct 2016 6:42
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02014

Quant Time: Oct 11 09:03:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 10 13:36:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	133068	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.12	136	580735	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.91	164	496393	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1146709m	20.00	ng/ul	0.00
75) Chrysene-d12	21.95	240	1287132	20.00	ng/ul	0.00
83) Perylene-d12	25.40	264	1340323	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	22060	7.87	ng/uL	0.00
5) Phenol-d5	7.42	99	235306	18.95	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.61	67	156900	18.69	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.82	132	166168	19.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	205327	20.46	ng/ul	-0.01
19) Nitrobenzene-d5	9.46	128	84729m	20.56	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.20	143	94142	20.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	198665	19.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.25	131	248532	23.56	ng/ul	0.00
43) Dimethylphthalate-d6	14.30	166	733895	21.17	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	841238	21.19	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.07	143	139681	22.73	ng/ul	0.00
57) Fluorene-d10	15.90	176	683310	20.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	152068m	22.07	ng/ul	0.00
70) Anthracene-d10	17.75	188	1097124m	21.18	ng/ul	-0.01
76) Pyrene-d10	20.01	212	1264952	21.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.16	264	1230703	20.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	25906	8.53	ng/uL#	73
4) Benzaldehyde	7.42	77	182105	20.84	ng/ul#	78
6) Phenol	7.45	94	252852	20.07	ng/ul#	46
8) Bis(2-Chloroethyl)ether	7.70	93	182026m	19.62	ng/ul	
10) 2-Chlorophenol	7.85	128	166752	19.25	ng/ul#	79
11) 2-Methylphenol	8.72	108	183099	19.62	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.82	45	365131	19.71	ng/ul#	87
14) Acetophenone	9.12	105	300389	20.15	ng/ul#	68
15) N-Nitroso-di-n-propylamine	9.09	70	178281	19.84	ng/ul#	66
16) 4-Methylphenol	9.04	108	193708	19.57	ng/ul	94
17) Hexachloroethane	9.39	117	81176	20.26	ng/ul#	83
20) Nitrobenzene	9.51	77	265484	20.36	ng/ul#	77
21) Isophorone	10.03	82	505746	21.33	ng/ul#	90
23) 2-Nitrophenol	10.23	139	105038	20.90	ng/ul#	44
24) 2,4-Dimethylphenol	10.26	107	246474	19.91	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.51	93	263348	20.27	ng/ul#	97
27) 2,4-Dichlorophenol	10.75	162	197307	20.49	ng/ul	96
28) Naphthalene	11.17	128	569153	20.35	ng/ul	98
30) 4-Chloroaniline	11.27	127	246552	23.03	ng/ul	97
31) Hexachlorobutadiene	11.44	225	155555	20.17	ng/ul	99
32) Caprolactam	12.05	113	80889m	22.10	ng/ul	
33) 4-Chloro-3-methylphenol	12.36	107	258222	21.92	ng/ul#	79
34) 2-Methylnaphthalene	12.76	142	462337	20.80	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.11	216	297556	20.33 ng/ul	99
37) Hexachlorocyclopentadiene	13.09	237	206923	19.28 ng/ul	92
38) 2,4,6-Trichlorophenol	13.35	196	199522	21.02 ng/ul	99
39) 2,4,5-Trichlorophenol	13.41	196	214297	20.55 ng/ul	97
40) 1,1'-Biphenyl	13.74	154	646833	20.12 ng/ul	96
41) 2-Chloronaphthalene	13.79	162	522366	20.73 ng/ul	98
42) 2-Nitroaniline	13.99	65	219508	22.89 ng/ul#	55
44) Dimethylphthalate	14.35	163	712862	20.98 ng/ul#	97
45) 2,6-Dinitrotoluene	14.47	165	151617	22.99 ng/ul#	76
47) Acenaphthylene	14.63	152	794039	20.78 ng/ul	99
48) 3-Nitroaniline	14.80	138	151197	24.27 ng/ul#	65
49) Acenaphthene	14.97	153	563992	20.65 ng/ul	97
50) 2,4-Dinitrophenol	15.00	184	106132	23.99 ng/ul#	64
52) 4-Nitrophenol	15.08	109	172174	23.12 ng/ul#	56
53) Dibenzofuran	15.30	168	852735	21.22 ng/ul#	88
54) 2,4-Dinitrotoluene	15.25	165	221524	22.67 ng/ul#	62
55) 2,3,4,6-Tetrachlorophenol	15.51	232	232534	22.71 ng/ul	93
56) Diethylphthalate	15.70	149	772012	21.55 ng/ul	97
58) Fluorene	15.95	166	702858	21.15 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.94	204	385925	20.92 ng/ul	95
60) 4-Nitroaniline	15.97	138	160565	22.38 ng/ul#	36
63) 4,6-Dinitro-2-methylphenol	16.01	198	157183m	21.76 ng/ul	
64) N-Nitrosodiphenylamine	16.15	169	652658	20.12 ng/ul	97
65) 4-Bromophenyl-phenylether	16.83	248	269971	20.33 ng/ul	95
66) Hexachlorobenzene	16.94	284	310470	20.95 ng/ul	99
67) Atrazine	17.08	200	285388	21.51 ng/ul	94
68) Pentachlorophenol	17.29	266	197602	21.94 ng/ul	93
69) Phenanthrene	17.69	178	1221964m	21.11 ng/ul	
71) Anthracene	17.78	178	1224969	20.79 ng/ul	98
72) Carbazole	18.05	167	1074415	23.23 ng/ul	97
73) Di-n-butylphthalate	18.58	149	1267597m	22.41 ng/ul	
74) Fluoranthene	19.69	202	1455827m	24.89 ng/ul	
77) Pyrene	20.04	202	1457517	21.20 ng/ul#	87
78) Butylbenzylphthalate	20.91	149	583339	21.12 ng/ul#	80
79) 3,3'-Dichlorobenzidine	21.84	252	535063	22.32 ng/ul#	95
80) Benzo(a)anthracene	21.93	228	1533056	21.46 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.80	149	800455	20.49 ng/ul#	97
82) Chrysene	22.00	228	1418938	20.87 ng/ul	97
84) Di-n-octyl phthalate	23.09	149	1360555	21.64 ng/ul	100
85) Benzo(b)fluoranthene	24.30	252	1522882	20.46 ng/ul#	92
86) Benzo(k)fluoranthene	24.37	252	1429092	19.94 ng/ul#	88
88) Benzo(a)pyrene	25.24	252	1465584m	20.68 ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.37	276	1760921m	20.98 ng/ul	
90) Dibenzo(a,h)anthracene	29.45	278	1479085	20.83 ng/ul#	88
91) Benzo(g,h,i)perylene	30.61	276	1446050	20.48 ng/ul#	77

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

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