Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
Data File : BG023716.D
Acq On : 14 Aug 2016 9:35
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02005

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8/16/2016 7:00:40 PM

Quant Time: Aug 15 19:10:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	100109	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	469034	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	290799	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	661976m	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	684518m	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	650250	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	16391	6.96	ng/uL	0.00
5) Phenol-d5	7.27	99	202576	20.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	130327	20.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	142807	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	159012	20.20	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	74121	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	91338	21.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	163310	20.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	195117m	20.76	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	483270	20.30	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	582841	21.75	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	74295	18.28	ng/ul	0.00
57) Fluorene-d10	15.78	176	434607	19.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	73535m	17.31	ng/ul	0.00
70) Anthracene-d10	17.65	188	621325m	20.83	ng/ul	0.00
76) Pyrene-d10	19.94	212	683047m	19.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	627327	21.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	17741	7.18	ng/uL#	71
4) Benzaldehyde	7.24	77	137076	22.30	ng/ul#	82
6) Phenol	7.30	94	212951	20.28	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.52	93	158028	20.73	ng/ul#	86
10) 2-Chlorophenol	7.67	128	144260	20.59	ng/ul#	80
11) 2-Methylphenol	8.56	108	154201	19.50	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.65	45	225280	21.60	ng/ul	98
14) Acetophenone	8.94	105	255076	20.20	ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.92	70	151334	19.92	ng/ul#	82
16) 4-Methylphenol	8.89	108	171615	19.36	ng/ul	96
17) Hexachloroethane	9.21	117	62779	20.76	ng/ul	93
20) Nitrobenzene	9.33	77	222169	20.50	ng/ul#	84
21) Isophorone	9.85	82	387792	19.46	ng/ul#	91
23) 2-Nitrophenol	10.05	139	95535	20.84	ng/ul#	61
24) 2,4-Dimethylphenol	10.10	107	199728	19.86	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.34	93	225193	19.59	ng/ul#	95
27) 2,4-Dichlorophenol	10.60	162	160767	19.90	ng/ul	95
28) Naphthalene	11.00	128	477666	20.06	ng/ul	97
30) 4-Chloroaniline	11.11	127	194441	20.85	ng/ul	98
31) Hexachlorobutadiene	11.27	225	114077	21.21	ng/ul	91
32) Caprolactam	11.88	113	54943m	16.38	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	194631	18.72	ng/ul#	81
34) 2-Methylnaphthalene	12.61	142	373294	19.34	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	217260	24.33	ng/ul	96
37) Hexachlorocyclopentadiene	12.94	237	45719	9.26	ng/ul	97
38) 2,4,6-Trichlorophenol	13.22	196	139028	22.48	ng/ul	95
39) 2,4,5-Trichlorophenol	13.30	196	144658	21.82	ng/ul	98
40) 1,1'-Biphenyl	13.61	154	486747	22.78	ng/ul	95
41) 2-Chloronaphthalene	13.66	162	378765	22.79	ng/ul	99
42) 2-Nitroaniline	13.87	65	146276	21.56	ng/ul#	64
44) Dimethylphthalate	14.23	163	473332	20.08	ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	103799	20.31	ng/ul#	89
47) Acenaphthylene	14.51	152	617820	22.04	ng/ul	97
48) 3-Nitroaniline	14.70	138	99260	20.66	ng/ul#	59
49) Acenaphthene	14.85	153	395444	20.71	ng/ul	94
50) 2,4-Dinitrophenol	14.92	184	41459	13.14	ng/ul#	85
52) 4-Nitrophenol	15.02	109	71319m	17.52	ng/ul	
53) Dibenzofuran	15.19	168	589570	20.84	ng/ul	91
54) 2,4-Dinitrotoluene	15.16	165	148421	19.16	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.42	232	128723	18.90	ng/ul#	97
56) Diethylphthalate	15.59	149	474525	19.26	ng/ul	98
58) Fluorene	15.84	166	461871	19.59	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	242404	20.44	ng/ul	97
60) 4-Nitroaniline	15.87	138	100965	18.12	ng/ul#	63
63) 4,6-Dinitro-2-methylphenol	15.93	198	79630m	17.86	ng/ul	
64) N-Nitrosodiphenylamine	16.04	169	411746	22.26	ng/ul	96
65) 4-Bromophenyl-phenylether	16.72	248	163780	21.57	ng/ul	98
66) Hexachlorobenzene	16.85	284	174238	21.54	ng/ul	96
67) Atrazine	16.99	200	161379	21.12	ng/ul	98
68) Pentachlorophenol	17.21	266	76982m	17.25	ng/ul	
69) Phenanthrene	17.59	178	724806m	21.14	ng/ul	
71) Anthracene	17.69	178	733077	20.96	ng/ul	100
72) Carbazole	17.96	167	613679	21.77	ng/ul	98
73) Di-n-butylphthalate	18.50	149	767556m	21.74	ng/ul	
74) Fluoranthene	19.61	202	831736m	23.70	ng/ul	
77) Pyrene	19.97	202	841654m	19.89	ng/ul	
78) Butylbenzylphthalate	20.84	149	346660m	21.36	ng/ul	
79) 3,3'-Dichlorobenzidine	21.76	252	291960m	24.21	ng/ul	
80) Benzo(a)anthracene	21.85	228	816655m	21.18	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.73	149	462575m	21.43	ng/ul	
82) Chrysene	21.92	228	740767	21.13	ng/ul	98
84) Di-n-octyl phthalate	23.00	149	789737	24.05	ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	783415	21.18	ng/ul#	93
86) Benzo(k)fluoranthene	24.26	252	764763	21.00	ng/ul#	89
88) Benzo(a)pyrene	25.12	252	756095m	21.17	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.20	276	715068	17.04	ng/ul#	86
90) Dibenzo(a,h)anthracene	29.26	278	603664	16.87	ng/ul#	88
91) Benzo(g,h,i)perylene	30.41	276	561725m	16.15	ng/ul	

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

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