Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG121016\
Data File : BG025078.D
Acq On : 10 Dec 2016 21:14
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 12 04:23:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 02:45:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	83321	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	370213	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	322690	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	775275	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	989590	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1014349	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	13109	8.13	ng/uL	0.00
5) Phenol-d5	7.38	99	141017	19.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	94235	21.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	101985	20.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	116764	19.44	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	52953	20.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	64581	19.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	129392	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	145576	23.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	449852	20.27	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	489139	20.12	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	81314	21.32	ng/ul	0.00
57) Fluorene-d10	15.85	176	414767	19.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	100211	20.91	ng/ul	0.00
70) Anthracene-d10	17.70	188	670701	20.50	ng/ul	0.00
76) Pyrene-d10	19.97	212	865411	21.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	837245	20.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	14654	6.97	ng/uL	88
4) Benzaldehyde	7.37	77	115701	21.38	ng/ul	97
6) Phenol	7.41	94	151852	20.58	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.64	93	112255	20.79	ng/ul#	93
10) 2-Chlorophenol	7.80	128	103278	20.44	ng/ul	93
11) 2-Methylphenol	8.67	108	109039	20.07	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.77	45	212243	23.12	ng/ul	99
14) Acetophenone	9.06	105	184556	20.19	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.04	70	112157	21.24	ng/ul#	93
16) 4-Methylphenol	9.00	108	122039	20.19	ng/ul	93
17) Hexachloroethane	9.32	117	48226	21.54	ng/ul	91
20) Nitrobenzene	9.46	77	165304	20.52	ng/ul	98
21) Isophorone	9.97	82	309003	20.27	ng/ul	97
23) 2-Nitrophenol	10.17	139	69051	20.83	ng/ul	88
24) 2,4-Dimethylphenol	10.21	107	153754	20.28	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.45	93	161290	20.76	ng/ul	95
27) 2,4-Dichlorophenol	10.70	162	121458	19.90	ng/ul	95
28) Naphthalene	11.12	128	338914	19.69	ng/ul	97
30) 4-Chloroaniline	11.22	127	147914	23.42	ng/ul	95
31) Hexachlorobutadiene	11.38	225	100437	19.14	ng/ul	92
32) Caprolactam	11.98	113	53494	21.11	ng/ul	90
33) 4-Chloro-3-methylphenol	12.32	107	154528	20.54	ng/ul	95
34) 2-Methylnaphthalene	12.70	142	283163	20.85	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	13.06	216	187349	19.26 ng/ul	93
37) Hexachlorocyclopentadiene	13.03	237	104843	18.36 ng/ul	94
38) 2,4,6-Trichlorophenol	13.30	196	124485	20.38 ng/ul	95
39) 2,4,5-Trichlorophenol	13.37	196	139310	20.80 ng/ul	93
40) 1,1'-Biphenyl	13.69	154	395235	20.20 ng/ul	96
41) 2-Chloronaphthalene	13.74	162	298101	19.14 ng/ul	94
42) 2-Nitroaniline	13.95	65	133806	21.95 ng/ul	98
44) Dimethylphthalate	14.30	163	450313	20.64 ng/ul	97
45) 2,6-Dinitrotoluene	14.43	165	92447	19.72 ng/ul	91
47) Acenaphthylene	14.58	152	476704	20.17 ng/ul	97
48) 3-Nitroaniline	14.76	138	93979	23.15 ng/ul#	83
49) Acenaphthene	14.92	153	332203	20.52 ng/ul	97
50) 2,4-Dinitrophenol	14.98	184	61759	20.28 ng/ul	86
52) 4-Nitrophenol	15.06	109	103467	22.55 ng/ul	94
53) Dibenzofuran	15.25	168	518306	20.24 ng/ul	99
54) 2,4-Dinitrotoluene	15.22	165	146267	20.71 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.47	232	141770	20.04 ng/ul	96
56) Diethylphthalate	15.65	149	484023	20.95 ng/ul	96
58) Fluorene	15.90	166	421083	20.20 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.88	204	228418	19.46 ng/ul#	86
60) 4-Nitroaniline	15.93	138	103660	21.17 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.97	198	104428	21.03 ng/ul#	97
64) N-Nitrosodiphenylamine	16.10	169	400752	20.09 ng/ul	94
65) 4-Bromophenyl-phenylether	16.78	248	175927	20.09 ng/ul	93
66) Hexachlorobenzene	16.90	284	201485	20.44 ng/ul	97
67) Atrazine	17.03	200	191014	20.15 ng/ul	97
68) Pentachlorophenol	17.24	266	115311	19.48 ng/ul	92
69) Phenanthrene	17.64	178	770035	20.81 ng/ul	98
71) Anthracene	17.73	178	779558	20.49 ng/ul	99
72) Carbazole	18.00	167	699167	22.03 ng/ul	98
73) Di-n-butylphthalate	18.52	149	852020	21.26 ng/ul	99
74) Fluoranthene	19.63	202	1000483	22.75 ng/ul	99
77) Pyrene	20.00	202	1013076	21.30 ng/ul	99
78) Butylbenzylphthalate	20.85	149	397394	21.34 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.77	252	376163	21.80 ng/ul	95
80) Benzo(a)anthracene	21.87	228	1063097	20.68 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.72	149	551865	21.53 ng/ul	98
82) Chrysene	21.94	228	989119	20.57 ng/ul	99
84) Di-n-octyl phthalate	22.99	149	946664	22.99 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1030183m	20.48 ng/ul	
86) Benzo(k)fluoranthene	24.28	252	987298	20.65 ng/ul	98
88) Benzo(a)pyrene	25.14	252	991230	20.50 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.21	276	1214832m	20.21 ng/ul	
90) Dibenzo(a,h)anthracene	29.28	278	1031619m	20.37 ng/ul	
91) Benzo(g,h,i)perylene	30.45	276	1025079m	20.44 ng/ul	

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

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