Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG121016\
Data File : BG025091.D
Acq On : 11 Dec 2016 5:44
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 12 06:36:11 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 04:23:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	101105	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	424982	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	384657	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	817590	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1010402	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1046774	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	17085	8.73	ng/uL	0.00
5) Phenol-d5	7.38	99	173878	19.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	114159	21.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	124005	20.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	143670	19.71	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	61525	20.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	72777	19.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	148721	20.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	166740	23.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	502930	19.01	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	587885	20.28	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	93861	20.64	ng/ul	0.00
57) Fluorene-d10	15.84	176	477280	19.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	107637	21.29	ng/ul	0.00
70) Anthracene-d10	17.70	188	698046	20.23	ng/ul	0.00
76) Pyrene-d10	19.97	212	879582	21.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	881792	20.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	20911	8.20	ng/uL	99
4) Benzaldehyde	7.37	77	136101	20.73	ng/ul	96
6) Phenol	7.40	94	183722	20.52	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.64	93	128765	19.66	ng/ul	92
10) 2-Chlorophenol	7.79	128	120294	19.62	ng/ul	93
11) 2-Methylphenol	8.67	108	133098	20.19	ng/ul#	79
12) 2,2'-oxybis(1-Chloropropan	8.76	45	251137	22.54	ng/ul	99
14) Acetophenone	9.06	105	213237	19.22	ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.03	70	128096	19.99	ng/ul#	95
16) 4-Methylphenol	9.00	108	144062	19.64	ng/ul	89
17) Hexachloroethane	9.33	117	55803	20.54	ng/ul	90
20) Nitrobenzene	9.45	77	190737	20.62	ng/ul	95
21) Isophorone	9.97	82	346520	19.80	ng/ul	97
23) 2-Nitrophenol	10.17	139	79207	20.81	ng/ul#	87
24) 2,4-Dimethylphenol	10.21	107	180671	20.76	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.45	93	183468	20.57	ng/ul	93
27) 2,4-Dichlorophenol	10.71	162	144639	20.65	ng/ul	98
28) Naphthalene	11.12	128	400810	20.29	ng/ul	97
30) 4-Chloroaniline	11.22	127	169520	23.38	ng/ul#	87
31) Hexachlorobutadiene	11.38	225	114889	19.08	ng/ul	90
32) Caprolactam	11.98	113	55029	18.92	ng/ul	96
33) 4-Chloro-3-methylphenol	12.32	107	179376	20.77	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	305001	19.56	ng/ul	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.06	216	205629	17.74	ng/ul	98
37) Hexachlorocyclopentadiene	13.03	237	119725	17.59	ng/ul	99
38) 2,4,6-Trichlorophenol	13.30	196	134775	18.51	ng/ul	92
39) 2,4,5-Trichlorophenol	13.37	196	150678	18.88	ng/ul	97
40) 1,1'-Biphenyl	13.69	154	429317	18.41	ng/ul	99
41) 2-Chloronaphthalene	13.74	162	348227	18.76	ng/ul	99
42) 2-Nitroaniline	13.95	65	160583	22.10	ng/ul	95
44) Dimethylphthalate	14.30	163	499925	19.23	ng/ul	97
45) 2,6-Dinitrotoluene	14.43	165	104884	18.77	ng/ul#	87
47) Acenaphthylene	14.58	152	549965	19.52	ng/ul	99
48) 3-Nitroaniline	14.77	138	105428	21.79	ng/ul#	85
49) Acenaphthene	14.92	153	395014	20.47	ng/ul	98
50) 2,4-Dinitrophenol	14.97	184	64497	17.77	ng/ul	91
52) 4-Nitrophenol	15.06	109	114434	20.92	ng/ul	94
53) Dibenzofuran	15.25	168	605623	19.84	ng/ul	98
54) 2,4-Dinitrotoluene	15.21	165	161446	19.17	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	15.47	232	158753	18.82	ng/ul#	99
56) Diethylphthalate	15.65	149	528057	19.18	ng/ul	97
58) Fluorene	15.90	166	492155	19.80	ng/ul	93
59) 4-Chlorophenyl-phenylether	15.88	204	259273	18.53	ng/ul	91
60) 4-Nitroaniline	15.93	138	117549	20.14	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.98	198	109665	20.94	ng/ul#	94
64) N-Nitrosodiphenylamine	16.10	169	433370	20.60	ng/ul	93
65) 4-Bromophenyl-phenylether	16.78	248	180260	19.52	ng/ul	94
66) Hexachlorobenzene	16.90	284	202681	19.49	ng/ul	94
67) Atrazine	17.03	200	190983	19.10	ng/ul	98
68) Pentachlorophenol	17.25	266	123143	19.72	ng/ul	92
69) Phenanthrene	17.64	178	802695	20.57	ng/ul	98
71) Anthracene	17.73	178	822385	20.50	ng/ul	98
72) Carbazole	18.00	167	716184	21.40	ng/ul	99
73) Di-n-butylphthalate	18.52	149	873606	20.67	ng/ul	99
74) Fluoranthene	19.64	202	1014310	21.87	ng/ul	98
77) Pyrene	20.00	202	1032247	21.25	ng/ul	99
78) Butylbenzylphthalate	20.85	149	417656	21.96	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.78	252	388723	22.07	ng/ul#	96
80) Benzo(a)anthracene	21.87	228	1084897	20.67	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	571621	21.84	ng/ul	98
82) Chrysene	21.94	228	1017404	20.72	ng/ul	98
84) Di-n-octyl phthalate	22.99	149	975556	22.95	ng/ul	100
85) Benzo(b)fluoranthene	24.20	252	1066025	20.54	ng/ul	99
86) Benzo(k)fluoranthene	24.28	252	1033511	20.95	ng/ul	98
88) Benzo(a)pyrene	25.14	252	1013092	20.30	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.22	276	1255935m	20.25	ng/ul	
90) Dibenzo(a,h)anthracene	29.28	278	1052643m	20.14	ng/ul	
91) Benzo(g,h,i)perylene	30.45	276	1057281m	20.43	ng/ul	

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

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