Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020816\
Data File : BG020809.D
Acq On : 8 Feb 2016 18:46
Operator : SJ/UM
Sample : SSTD08019
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD08019

Manual Integrations APPROVED
UMANGI
2/9/2016 12:38:45 PM

Quant Time: Feb 09 04:57:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 04:36:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	18115	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	95539	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	56723	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	121889	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	115545	20.00	ng/ul	0.01
86) Perylene-d12	25.30	264	105894	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	11667	29.14	ng/uL	0.00
5) Phenol-d5	7.41	99	151532	83.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	75902	74.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	118259	81.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	129464	79.35	ng/ul	0.01
19) Nitrobenzene-d5	9.45	128	62373	77.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	66976	83.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	120451	79.74	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	157859	70.31	ng/ul	0.00
44) Dimethylphthalate-d6	14.29	166	378074	73.74	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	475963	75.89	ng/ul	0.00
52) 4-Nitrophenol-d4	15.07	143	81361	78.83	ng/ul	0.02
58) Fluorene-d10	15.87	176	327580	74.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.99	200	53128	98.16	ng/ul	0.01
71) Anthracene-d10	17.72	188	469952	75.04	ng/ul	0.00
79) Pyrene-d10	19.99	212	471808	76.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	472707	78.51	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	13085	29.32	ng/uL	96
4) Benzaldehyde	7.40	77	83115	70.32	ng/ul	98
6) Phenol	7.44	94	158419	79.60	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.68	93	117556	75.60	ng/ul	97
10) 2-Chlorophenol	7.83	128	121811	80.45	ng/ul	100
11) 2-Methylphenol	8.71	108	125471	79.86	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.81	45	121667	74.58	ng/ul	98
14) Acetophenone	9.10	105	193361	77.49	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.09	70	97187	75.87	ng/ul	97
16) 4-Methylphenol	9.04	108	138641	79.11	ng/ul	96
17) Hexachloroethane	9.37	117	43685	77.89	ng/ul	97
20) Nitrobenzene	9.49	77	127964	74.51	ng/ul	95
21) Isophorone	10.02	82	277829	74.70	ng/ul	98
23) 2-Nitrophenol	10.21	139	75429	81.54	ng/ul	96
24) 2,4-Dimethylphenol	10.25	107	142721	76.59	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.49	93	176130	74.35	ng/ul	97
27) 2,4-Dichlorophenol	10.74	162	125320	79.47	ng/ul	98
28) Naphthalene	11.15	128	414586	75.43	ng/ul	99
30) 4-Chloroaniline	11.25	127	166658	70.26	ng/ul	96
31) Hexachlorobutadiene	11.43	225	56870	75.58	ng/ul	97
32) Caprolactam	12.03	113	50401m	73.34	ng/ul	
33) 4-Chloro-3-methylphenol	12.36	107	143913	76.12	ng/ul	97
34) 2-Methylnaphthalene	12.74	142	315761	75.75	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	299751	76.03 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	134521	79.68 ng/ul	99
38) Hexachlorocyclopentadiene	13.08	237	73799	89.30 ng/ul	96
39) 2,4,6-Trichlorophenol	13.32	196	98512	79.87 ng/ul	96
40) 2,4,5-Trichlorophenol	13.40	196	106194	78.37 ng/ul	97
41) 1,1'-Biphenyl	13.73	154	401011	76.71 ng/ul	99
42) 2-Chloronaphthalene	13.78	162	294597	75.48 ng/ul	98
43) 2-Nitroaniline	13.97	65	83279	76.97 ng/ul	96
45) Dimethylphthalate	14.33	163	388000	72.40 ng/ul	98
46) 2,6-Dinitrotoluene	14.46	165	84468	80.08 ng/ul	99
48) Acenaphthylene	14.62	152	512488	73.72 ng/ul	98
49) 3-Nitroaniline	14.79	138	90468	72.31 ng/ul	98
50) Acenaphthene	14.95	153	363714	76.50 ng/ul	99
51) 2,4-Dinitrophenol	14.99	184	39246	117.17 ng/ul	95
53) 4-Nitrophenol	15.08	109	45709	75.59 ng/ul	91
54) Dibenzofuran	15.29	168	456839	72.32 ng/ul	96
55) 2,4-Dinitrotoluene	15.24	165	115936	77.78 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.50	232	91058	78.51 ng/ul	98
57) Diethylphthalate	15.69	149	409932	72.64 ng/ul	99
59) Fluorene	15.93	166	403488	74.50 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.91	204	173081	75.46 ng/ul	98
61) 4-Nitroaniline	15.95	138	101261	72.10 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	16.00	198	59235	96.12 ng/ul#	93
65) N-Nitrosodiphenylamine	16.13	169	336633	78.09 ng/ul	99
66) 4-Bromophenyl-phenylether	16.81	248	108636	80.41 ng/ul	96
67) Hexachlorobenzene	16.93	284	118126	80.18 ng/ul	98
68) Atrazine	17.07	200	108845	79.02 ng/ul	97
69) Pentachlorophenol	17.27	266	71706	85.71 ng/ul	96
70) Phenanthrene	17.67	178	603801	75.88 ng/ul	97
72) Anthracene	17.76	178	590078	72.92 ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	127792	84.11 ng/uL	97
74) Pentachlorobenzene	15.20	250	127824	81.52 ng/uL	99
75) Carbazole	18.02	167	538669	75.61 ng/ul	97
76) Di-n-butylphthalate	18.56	149	684636	75.83 ng/ul	97
77) Fluoranthene	19.66	202	634148	76.31 ng/ul	99
80) Pyrene	20.02	202	641581	73.78 ng/ul	96
81) Butylbenzylphthalate	20.88	149	316184	79.66 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.80	252	195066	71.35 ng/ul	99
83) Benzo(a)anthracene	21.89	228	593871	76.11 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.78	149	479673	79.45 ng/ul	98
85) Chrysene	21.96	228	544531	75.50 ng/ul	96
87) Di-n-octyl phthalate	23.05	149	764924	77.26 ng/ul	100
88) Benzo(b)fluoranthene	24.22	252	590891	79.14 ng/ul	98
89) Benzo(k)fluoranthene	24.29	252	543476	76.55 ng/ul	97
91) Benzo(a)pyrene	25.16	252	545745	78.26 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.20	276	641556	79.06 ng/ul	99
93) Dibenzo(a,h)anthracene	29.27	278	521505	78.27 ng/ul	99
94) Benzo(g,h,i)perylene	30.42	276	518986	79.29 ng/ul	97

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

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