Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023453.D
Acq On : 4 Aug 2016 15:48
Operator : UM/SJ
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08005

Quant Time: Aug 04 16:28:02 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 21 04:24:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	118138	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	562455	20.00	ng/ul	-0.03
35) Acenaphthene-d10	14.78	164	418565	20.00	ng/ul	-0.03
61) Phenanthrene-d10	17.54	188	994545	20.00	ng/ul	-0.03
75) Chrysene-d12	21.86	240	955045	20.00	ng/ul	-0.03
83) Perylene-d12	25.24	264	934675	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	81403	31.16	ng/uL	-0.02
5) Phenol-d5	7.27	99	943621	77.48	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.43	67	592718	73.43	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.65	132	645626	78.92	ng/ul	-0.02
13) 4-Methylphenol-d8	8.84	113	757416	79.92	ng/ul	-0.01
19) Nitrobenzene-d5	9.30	128	356894	79.32	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	423110	80.50	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.57	165	777738	78.73	ng/ul	-0.03
29) 4-Chloroaniline-d4	11.09	131	911088	89.08	ng/ul	-0.03
43) Dimethylphthalate-d6	14.18	166	2347878	67.47	ng/ul	-0.02
46) Acenaphthylene-d8	14.48	160	2634116	66.60	ng/ul	-0.02
51) 4-Nitrophenol-d4	15.00	143	485937	79.13	ng/ul	-0.02
57) Fluorene-d10	15.78	176	2106820	66.95	ng/ul	-0.03
62) 4,6-Dinitro-2-methylphenol	15.91	200	538401	78.68	ng/ul	0.00
70) Anthracene-d10	17.65	188	2985687	64.13	ng/ul	-0.02
76) Pyrene-d10	19.93	212	3126137	63.42	ng/ul	-0.03
87) Benzo(a)pyrene-d12	25.01	264	3243671	73.92	ng/ul	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	82830	29.63	ng/uL#	80
4) Benzaldehyde	7.25	77	566449	74.89	ng/ul	90
6) Phenol	7.30	94	978823	77.22	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.53	93	692584	72.69	ng/ul	89
10) 2-Chlorophenol	7.68	128	641801	76.35	ng/ul#	82
11) 2-Methylphenol	8.57	108	747022	79.78	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.65	45	948334	73.56	ng/ul	99
14) Acetophenone	8.95	105	1162669	70.50	ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.94	70	712612	65.49	ng/ul#	84
16) 4-Methylphenol	8.90	108	810995	77.81	ng/ul	96
17) Hexachloroethane	9.21	117	261051	65.62	ng/ul#	78
20) Nitrobenzene	9.34	77	1002791	69.04	ng/ul#	87
21) Isophorone	9.87	82	1875537	67.71	ng/ul#	94
23) 2-Nitrophenol	10.06	139	440471	78.59	ng/ul#	62
24) 2,4-Dimethylphenol	10.11	107	940565	73.04	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.35	93	1064365	69.49	ng/ul	98
27) 2,4-Dichlorophenol	10.60	162	768030	78.55	ng/ul	95
28) Naphthalene	11.00	128	2042955	72.23	ng/ul	96
30) 4-Chloroaniline	11.12	127	885990	83.82	ng/ul	98
31) Hexachlorobutadiene	11.28	225	495898	63.10	ng/ul	97
32) Caprolactam	11.90	113	213960	52.77	ng/ul#	43
33) 4-Chloro-3-methylphenol	12.24	107	978648	76.22	ng/ul#	83
34) 2-Methylnaphthalene	12.61	142	1672239	71.46	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	984554	70.51	ng/ul	97
37) Hexachlorocyclopentadiene	12.95	237	614227	67.61	ng/ul	96
38) 2,4,6-Trichlorophenol	13.21	196	715048	73.96	ng/ul	99
39) 2,4,5-Trichlorophenol	13.30	196	728848	73.88	ng/ul	97
40) 1,1'-Biphenyl	13.61	154	2134800	68.00	ng/ul	93
41) 2-Chloronaphthalene	13.66	162	1735333	68.59	ng/ul	91
42) 2-Nitroaniline	13.87	65	798105	70.90	ng/ul#	66
44) Dimethylphthalate	14.23	163	2247300	63.75	ng/ul#	94
45) 2,6-Dinitrotoluene	14.36	165	578185	75.58	ng/ul#	87
47) Acenaphthylene	14.51	152	2684400	67.01	ng/ul#	89
48) 3-Nitroaniline	14.70	138	548602	83.96	ng/ul#	65
49) Acenaphthene	14.85	153	1928016	71.20	ng/ul	92
50) 2,4-Dinitrophenol	14.91	184	412850	86.05	ng/ul#	81
52) 4-Nitrophenol	15.02	109	466706	63.82	ng/ul#	73
53) Dibenzofuran	15.19	168	2617086	65.54	ng/ul#	76
54) 2,4-Dinitrotoluene	15.15	165	837174	71.85	ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.41	232	756178	75.88	ng/ul	97
56) Diethylphthalate	15.59	149	2309077	61.58	ng/ul#	85
58) Fluorene	15.84	166	2182582	66.27	ng/ul#	98
59) 4-Chlorophenyl-phenylether	15.82	204	1197416	66.35	ng/ul	91
60) 4-Nitroaniline	15.87	138	619391	77.12	ng/ul#	60
63) 4,6-Dinitro-2-methylphenol	15.92	198	564853	78.07	ng/ul#	84
64) N-Nitrosodiphenylamine	16.04	169	2036060	70.86	ng/ul	96
65) 4-Bromophenyl-phenylether	16.72	248	892036	77.96	ng/ul	99
66) Hexachlorobenzene	16.84	284	944336	80.58	ng/ul	95
67) Atrazine	17.00	200	899418	73.39	ng/ul	96
68) Pentachlorophenol	17.20	266	591975	81.43	ng/ul	93
69) Phenanthrene	17.59	178	3256910	63.58	ng/ul#	80
71) Anthracene	17.68	178	3226185	60.09	ng/ul#	78
72) Carbazole	17.95	167	3019366	71.49	ng/ul#	84
73) Di-n-butylphthalate	18.49	149	3167598	54.08	ng/ul#	79
74) Fluoranthene	19.60	202	3500331	65.05	ng/ul#	93
77) Pyrene	19.97	202	3406095	58.66	ng/ul#	93
78) Butylbenzylphthalate	20.84	149	1703437	67.55	ng/ul#	81
79) 3,3'-Dichlorobenzidine	21.75	252	1372718	72.05	ng/ul#	94
80) Benzo(a)anthracene	21.84	228	3531884	62.30	ng/ul#	79
81) Bis(2-ethylhexyl)phthalate	21.72	149	2243717	65.13	ng/ul#	88
82) Chrysene	21.91	228	3239623	62.97	ng/ul#	80
84) Di-n-octyl phthalate	22.98	149	3599052	69.48	ng/ul	100
85) Benzo(b)fluoranthene	24.17	252	3845792	67.64	ng/ul#	91
86) Benzo(k)fluoranthene	24.24	252	3706948	68.79	ng/ul#	86
88) Benzo(a)pyrene	25.19	252	3846	0.07	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.12	276	4738101	77.63	ng/ul#	87
90) Dibenzo(a,h)anthracene	29.19	278	3900316	77.61	ng/ul#	91
91) Benzo(g,h,i)perylene	30.34	276	3898516	77.31	ng/ul#	87

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

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