Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080217\
Data File : BG028106.D
Acq On : 2 Aug 2017 13:21
Operator : SJ/JU
Sample : SSTD08090
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08090

Quant Time: Aug 02 14:05:29 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 02 13:32:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	32083	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	155484	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	111169	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.73	188	276255	20.00	ng/ul	0.00
75) Chrysene-d12	22.06	240	304332	20.00	ng/ul	0.00
83) Perylene-d12	25.58	264	274273	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	20026	34.40	ng/uL	0.00
5) Phenol-d5	7.51	99	296203	112.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	179543	118.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	192057	92.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.07	113	241049	110.45	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	101974	89.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	118899	86.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	236720	87.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	252121	103.56	ng/ul	0.00
43) Dimethylphthalate-d6	14.37	166	798337	82.84	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	934143	85.27	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	134285	96.22	ng/ul	0.02
57) Fluorene-d10	15.96	176	726032	79.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	157908	82.30	ng/ul	0.00
70) Anthracene-d10	17.83	188	1099647	82.54	ng/ul	0.00
76) Pyrene-d10	20.10	212	1225086	89.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.34	264	1123524	87.70	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.88	88	21062	29.834	ng/uL#	66
4) Benzaldehyde	7.51	77	150890	92.283	ng/ul	98
6) Phenol	7.54	94	290414	113.509	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.78	93	190393	103.248	ng/ul	94
10) 2-Chlorophenol	7.93	128	186248	96.720	ng/ul	99
11) 2-Methylphenol	8.80	108	205709	109.493	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.89	45	459326	132.084	ng/ul#	94
14) Acetophenone	9.19	105	338767	110.106	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.18	70	204126	129.398	ng/ul	93
16) 4-Methylphenol	9.13	108	227056	110.283	ng/ul	99
17) Hexachloroethane	9.46	117	71070	91.645	ng/ul	95
20) Nitrobenzene	9.58	77	294648	111.404	ng/ul	97
21) Isophorone	10.11	82	567464	117.795	ng/ul	98
23) 2-Nitrophenol	10.29	139	117421	88.638	ng/ul	92
24) 2,4-Dimethylphenol	10.33	107	276831	99.868	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.57	93	300467	103.966	ng/ul	97
27) 2,4-Dichlorophenol	10.83	162	213390	81.841	ng/ul	97
28) Naphthalene	11.24	128	628218	85.261	ng/ul	98
30) 4-Chloroaniline	11.35	127	244910	108.700	ng/ul	91
31) Hexachlorobutadiene	11.51	225	148541	71.228	ng/ul	88
32) Caprolactam	12.20	113	33535	43.225	ng/ul	85
33) 4-Chloro-3-methylphenol	12.44	107	268118	107.859	ng/ul	96
34) 2-Methylnaphthalene	12.82	142	512560	86.030	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.18	216	311380	74.471 ng/ul	93
37) Hexachlorocyclopentadiene	13.15	237	177379	71.698 ng/ul	98
38) 2,4,6-Trichlorophenol	13.41	196	209570	83.084 ng/ul	94
39) 2,4,5-Trichlorophenol	13.49	196	218954	80.780 ng/ul	96
40) 1,1'-Biphenyl	13.81	154	682133	80.294 ng/ul	94
41) 2-Chloronaphthalene	13.86	162	531421	79.128 ng/ul	97
42) 2-Nitroaniline	14.06	65	239173	124.613 ng/ul	93
44) Dimethylphthalate	14.42	163	725680	82.690 ng/ul	99
45) 2,6-Dinitrotoluene	14.55	165	166689	93.898 ng/ul	95
47) Acenaphthylene	14.70	152	875821	81.384 ng/ul	98
48) 3-Nitroaniline	14.88	138	135133	87.577 ng/ul#	89
49) Acenaphthene	15.04	153	597452	82.054 ng/ul	95
50) 2,4-Dinitrophenol	15.08	184	100489	98.277 ng/ul	90
52) 4-Nitrophenol	15.18	109	135741	120.714 ng/ul#	75
53) Dibenzofuran	15.37	168	836183	77.670 ng/ul	99
54) 2,4-Dinitrotoluene	15.33	165	243053	93.928 ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.59	232	206195	79.834 ng/ul	97
56) Diethylphthalate	15.77	149	793786	86.741 ng/ul	99
58) Fluorene	16.02	166	738274	79.766 ng/ul	100
59) 4-Chlorophenyl-phenylether	16.00	204	405910	79.092 ng/ul	87
60) 4-Nitroaniline	16.05	138	158567	86.595 ng/ul	86
63) 4,6-Dinitro-2-methylphenol	16.10	198	160041	87.235 ng/ul#	98
64) N-Nitrosodiphenylamine	16.22	169	624855	83.917 ng/ul	97
65) 4-Bromophenyl-phenylether	16.90	248	266678	79.212 ng/ul	90
66) Hexachlorobenzene	17.03	284	277911	78.517 ng/ul	97
67) Atrazine	17.16	200	259285	79.142 ng/ul	98
68) Pentachlorophenol	17.37	266	147816	76.872 ng/ul	94
69) Phenanthrene	17.77	178	1146281	80.959 ng/ul	98
71) Anthracene	17.86	178	1175536	80.999 ng/ul	98
72) Carbazole	18.13	167	1000053	83.573 ng/ul	96
73) Di-n-butylphthalate	18.65	149	1267378	96.597 ng/ul	98
74) Fluoranthene	19.76	202	1373638	79.256 ng/ul	98
77) Pyrene	20.13	202	1402682	86.993 ng/ul	98
78) Butylbenzylphthalate	20.99	149	581078	112.413 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.94	252	462482	93.471 ng/ul#	94
80) Benzo(a)anthracene	22.04	228	1410449	85.675 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.90	149	822120	111.613 ng/ul	98
82) Chrysene	22.11	228	1270188	84.768 ng/ul	97
84) Di-n-octyl phthalate	23.21	149	1396896	109.814 ng/ul	100
85) Benzo(b)fluoranthene	24.45	252	1403364	89.664 ng/ul#	98
86) Benzo(k)fluoranthene	24.53	252	1387074	90.350 ng/ul#	99
88) Benzo(a)pyrene	25.42	252	1373623	90.830 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.62	276	1627488	94.895 ng/ul#	97
90) Dibenzo(a,h)anthracene	29.69	278	1383892	96.129 ng/ul#	96
91) Benzo(g,h,i)perylene	30.90	276	1327416	93.815 ng/ul	96

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

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