Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101417\
Data File : BG029194.D
Acq On : 13 Oct 2017 16:51
Operator : SJ/JU
Sample : SSTD08061
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08061

Quant Time: Oct 13 17:41:35 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 16:52:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	87351	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	383408	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	234441	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	533081	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	507504	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	503645	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	66717	85.14	ng/uL	0.00
5) Phenol-d5	7.32	99	667496	78.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	404517	72.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	483124	81.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	541965	68.18	ng/ul	0.01
19) Nitrobenzene-d5	9.34	128	235347	79.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	256341	92.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	521488	75.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	590679	75.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	1514754	77.46	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1854191	75.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	308635	76.25	ng/ul	0.02
57) Fluorene-d10	15.78	176	1288444	74.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	235666	88.15	ng/ul	0.01
70) Anthracene-d10	17.63	188	1893534	74.06	ng/ul	0.00
76) Pyrene-d10	19.90	212	1977041	72.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	1896067	73.43	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	76235	75.459	ng/uL#	82
4) Benzaldehyde	7.30	77	378355	61.737	ng/ul	94
6) Phenol	7.35	94	688239	78.850	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.59	93	514896	75.267	ng/ul	92
10) 2-Chlorophenol	7.73	128	484833	80.709	ng/ul	97
11) 2-Methylphenol	8.61	108	518165	82.111	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.71	45	737536	60.304	ng/ul#	92
14) Acetophenone	9.00	105	810724	57.965	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.99	70	448599	63.553	ng/ul	96
16) 4-Methylphenol	8.94	108	566193	62.903	ng/ul	98
17) Hexachloroethane	9.27	117	189339	65.195	ng/ul	86
20) Nitrobenzene	9.38	77	617152	71.904	ng/ul#	91
21) Isophorone	9.91	82	1231679	70.786	ng/ul	97
23) 2-Nitrophenol	10.09	139	282036	90.051	ng/ul#	86
24) 2,4-Dimethylphenol	10.15	107	603801	70.728	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.38	93	741377	74.954	ng/ul	97
27) 2,4-Dichlorophenol	10.64	162	488315	74.494	ng/ul	94
28) Naphthalene	11.04	128	1554022	74.778	ng/ul	99
30) 4-Chloroaniline	11.14	127	575680	74.406	ng/ul	92
31) Hexachlorobutadiene	11.32	225	273412	52.267	ng/ul	98
32) Caprolactam	11.91	113	121584	36.293	ng/ul	95
33) 4-Chloro-3-methylphenol	12.26	107	576087	71.623	ng/ul	99
34) 2-Methylnaphthalene	12.63	142	1147966	61.338	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	547366	84.872 ng/ul	96
37) Hexachlorocyclopentadiene	12.98	237	301066	80.632 ng/ul	98
38) 2,4,6-Trichlorophenol	13.23	196	402450	91.961 ng/ul	98
39) 2,4,5-Trichlorophenol	13.30	196	417974	89.908 ng/ul	96
40) 1,1'-Biphenyl	13.63	154	1434792	86.823 ng/ul#	98
41) 2-Chloronaphthalene	13.67	162	1117461	88.002 ng/ul	96
42) 2-Nitroaniline	13.87	65	408321	102.215 ng/ul	92
44) Dimethylphthalate	14.24	163	1450476	73.306 ng/ul	97
45) 2,6-Dinitrotoluene	14.36	165	313753	97.872 ng/ul	98
47) Acenaphthylene	14.52	152	1852194	75.169 ng/ul	93
48) 3-Nitroaniline	14.69	138	302369	86.638 ng/ul	91
49) Acenaphthene	14.85	153	1308614	75.845 ng/ul	98
50) 2,4-Dinitrophenol	14.89	184	164752	88.580 ng/ul	93
52) 4-Nitrophenol	14.99	109	230680	67.615 ng/ul#	74
53) Dibenzofuran	15.19	168	1700122	68.055 ng/ul	98
54) 2,4-Dinitrotoluene	15.15	165	444896	86.208 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.41	232	369078	75.750 ng/ul#	96
56) Diethylphthalate	15.60	149	1501256	64.898 ng/ul	96
58) Fluorene	15.84	166	1429229	75.613 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	676070	72.003 ng/ul	95
60) 4-Nitroaniline	15.85	138	360894	74.652 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.91	198	244732	88.910 ng/ul#	91
64) N-Nitrosodiphenylamine	16.03	169	1260020	78.926 ng/ul	94
65) 4-Bromophenyl-phenylether	16.72	248	425746	73.762 ng/ul	96
66) Hexachlorobenzene	16.83	284	414952	68.233 ng/ul#	92
67) Atrazine	16.98	200	487718	72.022 ng/ul	97
68) Pentachlorophenol	17.17	266	281679	78.319 ng/ul	94
69) Phenanthrene	17.57	178	2155512	75.081 ng/ul#	93
71) Anthracene	17.66	178	2183094	73.562 ng/ul	93
72) Carbazole	17.93	167	2062872	76.017 ng/ul	94
73) Di-n-butylphthalate	18.47	149	2393306	73.911 ng/ul#	96
74) Fluoranthene	19.57	202	2452652	58.419 ng/ul#	85
77) Pyrene	19.93	202	2409258	68.140 ng/ul#	82
78) Butylbenzylphthalate	20.80	149	1145949	79.384 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.69	252	728862	68.671 ng/ul	99
80) Benzo(a)anthracene	21.78	228	2371570	71.220 ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.68	149	1591958	76.327 ng/ul	96
82) Chrysene	21.85	228	2155157	71.785 ng/ul	91
84) Di-n-octyl phthalate	22.92	149	2728906	68.791 ng/ul	100
85) Benzo(b)fluoranthene	24.06	252	2336329	70.989 ng/ul#	94
86) Benzo(k)fluoranthene	24.14	252	2235663	70.393 ng/ul#	94
88) Benzo(a)pyrene	24.97	252	2258890	72.734 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	28.92	276	2643801	82.803 ng/ul#	92
90) Dibenzo(a,h)anthracene	28.98	278	2172904	80.470 ng/ul#	90
91) Benzo(g,h,i)perylene	30.11	276	2176172	81.387 ng/ul#	87

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

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