Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029260.D
Acq On : 15 Oct 2017 15:33
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02069

Quant Time: Oct 16 08:39:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 07:39:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	115725	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	516589	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	298943	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	628344	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	574521	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	574819	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	23381	8.21	ng/uL	0.00
5) Phenol-d5	7.33	99	226733	20.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	139291	20.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	169659	21.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	186397	20.78	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	85114	22.95	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	92886	24.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	177952	20.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	221505	22.02	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	499123	19.53	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	651759	20.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	92911	19.69	ng/ul	0.00
57) Fluorene-d10	15.78	176	433802	20.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	57899	18.88	ng/ul	0.00
70) Anthracene-d10	17.63	188	620010	20.86	ng/ul	0.00
76) Pyrene-d10	19.90	212	628497	21.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	552755	20.30	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	25737	7.413	ng/uL#	79
4) Benzaldehyde	7.31	77	153146	22.315	ng/ul	96
6) Phenol	7.35	94	236409	20.570	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.58	93	176534	20.178	ng/ul	93
10) 2-Chlorophenol	7.74	128	172443	21.530	ng/ul	95
11) 2-Methylphenol	8.61	108	174763	20.339	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.71	45	263359	20.539	ng/ul#	93
14) Acetophenone	9.00	105	277257	20.238	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.98	70	147341	19.408	ng/ul	91
16) 4-Methylphenol	8.94	108	192067	20.517	ng/ul	98
17) Hexachloroethane	9.26	117	67179	21.006	ng/ul	87
20) Nitrobenzene	9.38	77	215480	21.312	ng/ul	91
21) Isophorone	9.90	82	406391	19.023	ng/ul#	97
23) 2-Nitrophenol	10.10	139	98374	23.330	ng/ul#	82
24) 2,4-Dimethylphenol	10.15	107	205931	20.083	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.38	93	245674	19.104	ng/ul	99
27) 2,4-Dichlorophenol	10.63	162	171585	20.694	ng/ul	93
28) Naphthalene	11.04	128	564846	20.664	ng/ul	99
30) 4-Chloroaniline	11.14	127	215822	21.923	ng/ul	95
31) Hexachlorobutadiene	11.33	225	91905	17.744	ng/ul	96
32) Caprolactam	11.90	113	65598	18.485	ng/ul	99
33) 4-Chloro-3-methylphenol	12.25	107	196050	20.152	ng/ul	98
34) 2-Methylnaphthalene	12.64	142	412313	18.222	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	191512	21.618 ng/ul	95
37) Hexachlorocyclopentadiene	12.98	237	66533	14.248 ng/ul	94
38) 2,4,6-Trichlorophenol	13.23	196	134744	21.955 ng/ul	98
39) 2,4,5-Trichlorophenol	13.31	196	141334	21.810 ng/ul	96
40) 1,1'-Biphenyl	13.63	154	520001	21.098 ng/ul	99
41) 2-Chloronaphthalene	13.68	162	396726	21.265 ng/ul	98
42) 2-Nitroaniline	13.87	65	133652	22.870 ng/ul	92
44) Dimethylphthalate	14.23	163	480876	19.290 ng/ul	98
45) 2,6-Dinitrotoluene	14.36	165	97430	22.345 ng/ul	99
47) Acenaphthylene	14.52	152	660721	20.839 ng/ul	97
48) 3-Nitroaniline	14.69	138	111245	23.547 ng/ul	92
49) Acenaphthene	14.86	153	452394	20.855 ng/ul	95
50) 2,4-Dinitrophenol	14.89	184	39451	16.905 ng/ul	93
52) 4-Nitrophenol	14.99	109	72647	20.404 ng/ul	84
53) Dibenzofuran	15.19	168	604768	20.393 ng/ul	98
54) 2,4-Dinitrotoluene	15.15	165	140661	22.064 ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	15.41	232	115202	20.217 ng/ul#	92
56) Diethylphthalate	15.59	149	491270	19.125 ng/ul	98
58) Fluorene	15.83	166	496497	20.986 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	224845	20.200 ng/ul	96
60) 4-Nitroaniline	15.84	138	120351	20.722 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.91	198	61204	18.886 ng/ul	92
64) N-Nitrosodiphenylamine	16.03	169	417343	22.268 ng/ul	95
65) 4-Bromophenyl-phenylether	16.71	248	132145	20.846 ng/ul	91
66) Hexachlorobenzene	16.84	284	131450	20.267 ng/ul	94
67) Atrazine	16.97	200	149356	20.985 ng/ul	98
68) Pentachlorophenol	17.18	266	79239	20.506 ng/ul	94
69) Phenanthrene	17.57	178	721996	21.255 ng/ul	98
71) Anthracene	17.67	178	747810	21.338 ng/ul	100
72) Carbazole	17.93	167	682686	21.670 ng/ul	100
73) Di-n-butylphthalate	18.48	149	838742	22.159 ng/ul	99
74) Fluoranthene	19.57	202	804085	21.181 ng/ul#	90
77) Pyrene	19.93	202	827891	21.501 ng/ul#	86
78) Butylbenzylphthalate	20.80	149	376370	24.107 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.69	252	233564	22.216 ng/ul	99
80) Benzo(a)anthracene	21.78	228	755104	20.972 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.68	149	541491	23.933 ng/ul	99
82) Chrysene	21.85	228	683453	20.891 ng/ul	97
84) Di-n-octyl phthalate	22.92	149	930930	24.205 ng/ul	100
85) Benzo(b)fluoranthene	24.06	252	705112	20.433 ng/ul#	96
86) Benzo(k)fluoranthene	24.14	252	690339	20.691 ng/ul#	96
88) Benzo(a)pyrene	24.96	252	687350	20.463 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	28.91	276	771217	20.293 ng/ul#	91
90) Dibenzo(a,h)anthracene	28.98	278	631443	20.001 ng/ul#	86
91) Benzo(g,h,i)perylene	30.10	276	606481	19.252 ng/ul#	87

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

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