Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029487.D
Acq On : 26 Oct 2017 21:05
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02077

Quant Time: Oct 27 02:17:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:08:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	65517	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	305121	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	188203	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	432907	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	449989	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	442505	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	11383	7.06	ng/uL	0.00
5) Phenol-d5	7.32	99	120217	19.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	68573	17.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	98085	22.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	101304	19.95	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	47827	21.83	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	55427	24.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	108700	21.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	127854	21.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	311221	19.34	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	400581	20.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	49118	16.54	ng/ul	0.00
57) Fluorene-d10	15.78	176	301498	22.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	44687	21.15	ng/ul	0.00
70) Anthracene-d10	17.63	188	435289	21.26	ng/ul	0.00
76) Pyrene-d10	19.90	212	489642	21.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	450884	21.51	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	12872	6.549	ng/uL	97
4) Benzaldehyde	7.30	77	66618	17.145	ng/ul	92
6) Phenol	7.35	94	122130	18.770	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.58	93	86662	17.497	ng/ul	87
10) 2-Chlorophenol	7.73	128	92707	20.444	ng/ul	93
11) 2-Methylphenol	8.61	108	89393	18.376	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.70	45	144956	19.968	ng/ul	98
14) Acetophenone	8.99	105	140754	18.148	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.97	70	72913	16.964	ng/ul#	96
16) 4-Methylphenol	8.94	108	100186	18.903	ng/ul	98
17) Hexachloroethane	9.26	117	34300	18.944	ng/ul	94
20) Nitrobenzene	9.38	77	109234	18.291	ng/ul#	86
21) Isophorone	9.90	82	196654	15.585	ng/ul	96
23) 2-Nitrophenol	10.09	139	56267	22.592	ng/ul#	78
24) 2,4-Dimethylphenol	10.15	107	110080	18.176	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.38	93	125309	16.498	ng/ul#	98
27) 2,4-Dichlorophenol	10.63	162	101484	20.723	ng/ul	93
28) Naphthalene	11.04	128	304592	18.866	ng/ul	98
30) 4-Chloroaniline	11.14	127	121105	20.828	ng/ul	95
31) Hexachlorobutadiene	11.32	225	70368	23.002	ng/ul	94
32) Caprolactam	11.89	113	32507	15.509	ng/ul	98
33) 4-Chloro-3-methylphenol	12.25	107	106313	18.502	ng/ul	92
34) 2-Methylnaphthalene	12.63	142	235066	17.589	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	136319	24.442 ng/ul	93
37) Hexachlorocyclopentadiene	12.97	237	33276	11.319 ng/ul	99
38) 2,4,6-Trichlorophenol	13.23	196	90890	23.523 ng/ul	95
39) 2,4,5-Trichlorophenol	13.30	196	95760	23.473 ng/ul	99
40) 1,1'-Biphenyl	13.62	154	306857	19.776 ng/ul	99
41) 2-Chloronaphthalene	13.67	162	244364	20.805 ng/ul	97
42) 2-Nitroaniline	13.87	65	70079	19.048 ng/ul#	86
44) Dimethylphthalate	14.23	163	303968	19.368 ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	63277	23.051 ng/ul	89
47) Acenaphthylene	14.51	152	381828	19.128 ng/ul	97
48) 3-Nitroaniline	14.69	138	61346	20.625 ng/ul#	78
49) Acenaphthene	14.85	153	260149	19.049 ng/ul	99
50) 2,4-Dinitrophenol	14.89	184	20283	13.805 ng/ul	89
52) 4-Nitrophenol	14.99	109	36161	16.133 ng/ul#	85
53) Dibenzofuran	15.18	168	374609	20.064 ng/ul	93
54) 2,4-Dinitrotoluene	15.14	165	92188	22.969 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.41	232	84274	23.492 ng/ul	92
56) Diethylphthalate	15.58	149	302619	18.713 ng/ul	99
58) Fluorene	15.83	166	298157	20.018 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.82	204	159685	22.787 ng/ul	90
60) 4-Nitroaniline	15.84	138	59194	16.189 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.91	198	45621	20.433 ng/ul#	79
64) N-Nitrosodiphenylamine	16.03	169	258346	20.008 ng/ul	99
65) 4-Bromophenyl-phenylether	16.71	248	103555	23.711 ng/ul	91
66) Hexachlorobenzene	16.84	284	110808	24.798 ng/ul	95
67) Atrazine	16.97	200	101640	20.728 ng/ul	97
68) Pentachlorophenol	17.18	266	55019	20.666 ng/ul	93
69) Phenanthrene	17.57	178	465510	19.891 ng/ul	98
71) Anthracene	17.66	178	480741	19.910 ng/ul	99
72) Carbazole	17.93	167	427178	19.682 ng/ul	98
73) Di-n-butylphthalate	18.47	149	516802	19.817 ng/ul	99
74) Fluoranthene	19.56	202	573825	21.940 ng/ul	99
77) Pyrene	19.93	202	581885	19.294 ng/ul	98
78) Butylbenzylphthalate	20.79	149	234773	19.199 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.69	252	209218	25.408 ng/ul#	98
80) Benzo(a)anthracene	21.78	228	570779	20.240 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.67	149	330759	18.665 ng/ul#	100
82) Chrysene	21.85	228	519504	20.275 ng/ul	97
84) Di-n-octyl phthalate	22.91	149	570614	19.273 ng/ul	100
85) Benzo(b)fluoranthene	24.07	252	539756	20.318 ng/ul	98
86) Benzo(k)fluoranthene	24.13	252	562025	21.882 ng/ul	98
88) Benzo(a)pyrene	24.96	252	532595	20.597 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.92	276	565717	19.337 ng/ul	98
90) Dibenzo(a,h)anthracene	28.98	278	487581	20.062 ng/ul	98
91) Benzo(g,h,i)perylene	30.11	276	385304	15.889 ng/ul	96

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

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