Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033117\
Data File : BG026519.D
Acq On : 31 Mar 2017 16:25
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02021

Quant Time: Apr 01 00:46:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 31 04:35:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	171692	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	722530	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	419488	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	986450	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1170891	20.00	ng/ul	0.00
85) Perylene-d12	24.81	264	1165982	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	30096	8.39	ng/uL	0.00
5) Phenol-d5	7.20	99	261855	20.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	148125	20.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	239212	21.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	211422	20.76	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	108412	20.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	126994	20.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	230276	20.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	295611	26.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	677792	20.87	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	851937	21.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	121977	19.30	ng/ul	0.00
57) Fluorene-d10	15.63	176	603763	20.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	124269	19.59	ng/ul	0.00
70) Anthracene-d10	17.48	188	938289	20.95	ng/ul	0.00
78) Pyrene-d10	19.75	212	1078934	20.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	1036663	20.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	31818	8.30	ng/uL#	81
4) Benzaldehyde	7.18	77	150493	21.31	ng/ul	89
6) Phenol	7.23	94	281150	21.29	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.46	93	214224	21.26	ng/ul	96
10) 2-Chlorophenol	7.61	128	235236	21.45	ng/ul	98
11) 2-Methylphenol	8.48	108	214901	20.82	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.57	45	198558	20.90	ng/ul	99
14) Acetophenone	8.86	105	326191	21.32	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.84	70	145508	20.49	ng/ul#	92
16) 4-Methylphenol	8.81	108	233463	20.89	ng/ul	100
17) Hexachloroethane	9.12	117	83274	20.51	ng/ul#	86
20) Nitrobenzene	9.24	77	206766	20.15	ng/ul	91
21) Isophorone	9.76	82	408550	20.91	ng/ul#	95
23) 2-Nitrophenol	9.95	139	133492	20.97	ng/ul#	87
24) 2,4-Dimethylphenol	10.01	107	235641	20.61	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.24	93	277261	20.54	ng/ul	99
27) 2,4-Dichlorophenol	10.49	162	223432	20.37	ng/ul	96
28) Naphthalene	10.89	128	728070	21.00	ng/ul	99
30) 4-Chloroaniline	10.99	127	275087	26.08	ng/ul	100
31) Hexachlorobutadiene	11.18	225	145625	20.86	ng/ul	98
32) Caprolactam	11.73	113	75970	19.62	ng/ul	98
33) 4-Chloro-3-methylphenol	12.11	107	217100	20.44	ng/ul	90
34) 2-Methylnaphthalene	12.49	142	559770	20.87	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.86	216	276118	20.91 ng/ul#	97
37) Hexachlorocyclopentadiene	12.83	237	127341	19.30 ng/ul	97
38) 2,4,6-Trichlorophenol	13.09	196	181421	20.71 ng/ul	98
39) 2,4,5-Trichlorophenol	13.17	196	185171	20.53 ng/ul	95
40) 1,1'-Biphenyl	13.48	154	702037	20.86 ng/ul	99
41) 2-Chloronaphthalene	13.53	162	530295	20.87 ng/ul	92
42) 2-Nitroaniline	13.73	65	119825	20.29 ng/ul	88
44) Dimethylphthalate	14.10	163	650545	20.67 ng/ul	98
45) 2,6-Dinitrotoluene	14.22	165	142953	21.04 ng/ul#	85
47) Acenaphthylene	14.37	152	846449	21.00 ng/ul	97
48) 3-Nitroaniline	14.55	138	141030	22.53 ng/ul#	91
49) Acenaphthene	14.71	153	573493	20.51 ng/ul	99
50) 2,4-Dinitrophenol	14.76	184	55745	14.57 ng/ul#	78
52) 4-Nitrophenol	14.85	109	65960	19.67 ng/ul#	52
53) Dibenzofuran	15.04	168	830975	20.90 ng/ul	90
54) 2,4-Dinitrotoluene	15.01	165	206652	21.04 ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.27	232	182097	20.99 ng/ul#	85
56) Diethylphthalate	15.45	149	648809	20.74 ng/ul	95
58) Fluorene	15.69	166	684422	20.70 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.68	204	337279	20.77 ng/ul#	86
60) 4-Nitroaniline	15.70	138	156690	20.08 ng/ul#	73
63) 4,6-Dinitro-2-methylphenol	15.77	198	135223	20.31 ng/ul#	81
64) N-Nitrosodiphenylamine	15.89	169	581973	20.62 ng/ul	95
65) 4-Bromophenyl-phenylether	16.57	248	223431	20.59 ng/ul#	83
66) Hexachlorobenzene	16.69	284	241716	20.78 ng/ul#	90
67) Atrazine	16.83	200	227632	20.83 ng/ul	96
68) Pentachlorophenol	17.03	266	134660	19.45 ng/ul	99
69) Phenanthrene	17.42	178	1078634	20.87 ng/ul	98
71) Anthracene	17.52	178	1115038	21.08 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	271990	20.93 ng/uL	98
73) Pentachlorobenzene	14.97	250	309748	20.95 ng/uL	99
74) Carbazole	17.78	167	1024202	22.53 ng/ul	96
75) Di-n-butylphthalate	18.33	149	1141299	21.29 ng/ul	98
76) Fluoranthene	19.42	202	1311241	23.74 ng/ul	99
79) Pyrene	19.78	202	1343548	20.61 ng/ul	99
80) Butylbenzylphthalate	20.66	149	537202	20.83 ng/ul	90
81) 3,3'-Dichlorobenzidine	21.52	252	480333	23.64 ng/ul	99
82) Benzo(a)anthracene	21.60	228	1329936	21.00 ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.50	149	768907	20.86 ng/ul#	94
84) Chrysene	21.67	228	1220244	20.84 ng/ul	96
86) Di-n-octyl phthalate	22.70	149	1307376	21.80 ng/ul#	96
87) Benzo(b)fluoranthene	23.79	252	1349865	20.41 ng/ul	99
88) Benzo(k)fluoranthene	23.86	252	1346292	21.31 ng/ul	98
90) Benzo(a)pyrene	24.65	252	1335010	20.87 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.43	276	1575675	20.42 ng/ul#	93
92) Dibenzo(a,h)anthracene	28.48	278	1338110	20.78 ng/ul	97
93) Benzo(g,h,i)perylene	29.55	276	1307527	20.38 ng/ul	96

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

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