Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027474.D
Acq On : 16 Jun 2017 16:47
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02085

Quant Time: Jun 16 22:51:31 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 16 16:18:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	40681	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	199413	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	132474	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	343056	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	372926	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	345758	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	4.07	96	8311	8.17	ng/uL	0.00
5) Phenol-d5	7.65	99	86267	19.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	61456	20.44	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	59674	20.47	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	67819	19.66	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	30313	20.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	31408	20.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	58497	20.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	88967	24.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	224994	20.28	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	259748	20.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	44471	20.50	ng/ul	0.00
57) Fluorene-d10	16.09	176	209653	20.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	40307	18.92	ng/ul	0.00
70) Anthracene-d10	17.96	188	322520	20.16	ng/ul	0.00
76) Pyrene-d10	20.23	212	376777	20.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.64	264	310855	19.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	4.11	88	9641	8.188	ng/uL#	88
4) Benzaldehyde	7.66	77	62315	24.159	ng/ul	94
6) Phenol	7.68	94	91580	19.810	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.93	93	68664	20.197	ng/ul#	91
10) 2-Chlorophenol	8.09	128	60776	20.713	ng/ul	92
11) 2-Methylphenol	8.93	108	64275	19.233	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	9.04	45	115794	20.461	ng/ul	99
14) Acetophenone	9.34	105	106495	19.978	ng/ul#	88
15) N-Nitroso-di-n-propylamine	9.31	70	63804	21.186	ng/ul#	86
16) 4-Methylphenol	9.26	108	71782	19.559	ng/ul	100
17) Hexachloroethane	9.61	117	23502	20.893	ng/ul#	80
20) Nitrobenzene	9.73	77	85217	20.887	ng/ul#	93
21) Isophorone	10.24	82	166238	20.661	ng/ul#	96
23) 2-Nitrophenol	10.44	139	35332	20.906	ng/ul#	79
24) 2,4-Dimethylphenol	10.47	107	82668	20.535	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.71	93	100058	20.215	ng/ul	95
27) 2,4-Dichlorophenol	10.97	162	60166	20.473	ng/ul	98
28) Naphthalene	11.39	128	206640	20.164	ng/ul	98
30) 4-Chloroaniline	11.49	127	86206	23.735	ng/ul	99
31) Hexachlorobutadiene	11.66	225	35508	19.642	ng/ul	88
32) Caprolactam	12.23	113	26625	20.542	ng/ul	91
33) 4-Chloro-3-methylphenol	12.56	107	80855	20.889	ng/ul	98
34) 2-Methylnaphthalene	12.96	142	154780	20.367	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.32	216	77109	19.663 ng/ul	97
37) Hexachlorocyclopentadiene	13.29	237	40761	18.560 ng/ul	98
38) 2,4,6-Trichlorophenol	13.54	196	52134	20.090 ng/ul	94
39) 2,4,5-Trichlorophenol	13.62	196	54667	20.231 ng/ul	97
40) 1,1'-Biphenyl	13.94	154	208688	19.913 ng/ul#	95
41) 2-Chloronaphthalene	13.99	162	157061	19.872 ng/ul	96
42) 2-Nitroaniline	14.19	65	64104	21.557 ng/ul	97
44) Dimethylphthalate	14.54	163	225744	20.520 ng/ul	98
45) 2,6-Dinitrotoluene	14.67	165	42318	20.662 ng/ul	96
47) Acenaphthylene	14.83	152	261285	20.408 ng/ul	98
48) 3-Nitroaniline	15.00	138	48459	21.803 ng/ul#	95
49) Acenaphthene	15.17	153	179093	20.057 ng/ul	97
50) 2,4-Dinitrophenol	15.20	184	26358	18.576 ng/ul	93
52) 4-Nitrophenol	15.28	109	36338	21.056 ng/ul#	54
53) Dibenzofuran	15.50	168	262697	20.185 ng/ul	93
54) 2,4-Dinitrotoluene	15.45	165	67704	21.591 ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.72	232	53870	20.499 ng/ul#	89
56) Diethylphthalate	15.89	149	241231	20.749 ng/ul	98
58) Fluorene	16.15	166	218965	20.275 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.13	204	109136	20.105 ng/ul	89
60) 4-Nitroaniline	16.17	138	56861	20.888 ng/ul#	68
63) 4,6-Dinitro-2-methylphenol	16.21	198	43960	19.558 ng/ul#	95
64) N-Nitrosodiphenylamine	16.34	169	200885	20.357 ng/ul	95
65) 4-Bromophenyl-phenylether	17.03	248	69526	20.009 ng/ul	90
66) Hexachlorobenzene	17.15	284	72627	19.841 ng/ul#	92
67) Atrazine	17.28	200	77905	20.611 ng/ul	98
68) Pentachlorophenol	17.49	266	45699	18.813 ng/ul	95
69) Phenanthrene	17.90	178	368247	19.975 ng/ul	99
71) Anthracene	17.99	178	385288	20.554 ng/ul	99
72) Carbazole	18.26	167	336948	20.900 ng/ul	98
73) Di-n-butylphthalate	18.78	149	422032	21.168 ng/ul#	96
74) Fluoranthene	19.89	202	439349	21.181 ng/ul#	85
77) Pyrene	20.25	202	461882	20.953 ng/ul#	83
78) Butylbenzylphthalate	21.13	149	174045	20.951 ng/ul	95
79) 3,3'-Dichlorobenzidine	22.11	252	145145	21.144 ng/ul#	94
80) Benzo(a)anthracene	22.21	228	428899	20.652 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	22.06	149	254388	21.321 ng/ul#	99
82) Chrysene	22.28	228	388164	20.696 ng/ul	99
84) Di-n-octyl phthalate	23.43	149	429534	19.827 ng/ul	100
85) Benzo(b)fluoranthene	24.71	252	406130	19.722 ng/ul#	95
86) Benzo(k)fluoranthene	24.79	252	404436	20.433 ng/ul#	94
88) Benzo(a)pyrene	25.71	252	393813	19.918 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	30.08	276	451449	20.002 ng/ul#	90
90) Dibenzo(a,h)anthracene	30.17	278	387439	19.993 ng/ul#	92
91) Benzo(g,h,i)perylene	31.40	276	368078	19.918 ng/ul#	89

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

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