Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027537.D
Acq On : 19 Jun 2017 20:17
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02090

Quant Time: Jun 20 01:46:52 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:01:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	32397	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	165360	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	110924	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	265897	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	302336	20.00	ng/ul	0.00
83) Perylene-d12	25.88	264	281660	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	4.08	96	5913	7.30	ng/uL	0.00
5) Phenol-d5	7.65	99	72574	20.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	50877	21.25	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	48890	21.06	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	58904	21.44	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	25843	21.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	27524	21.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	53270	22.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	73101	23.95	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	182011	19.60	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	218873	20.46	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	28780	15.84	ng/ul	0.00
57) Fluorene-d10	16.09	176	175174	20.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	26748	16.20	ng/ul	0.00
70) Anthracene-d10	17.95	188	252928	20.40	ng/ul	0.00
76) Pyrene-d10	20.22	212	281345	19.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	258349	20.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	4.12	88	7066	7.54	ng/uL#	83
4) Benzaldehyde	7.66	77	51245	24.95	ng/ul	93
6) Phenol	7.68	94	76538	20.79	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.92	93	55485	20.49	ng/ul	96
10) 2-Chlorophenol	8.08	128	49525	21.19	ng/ul	96
11) 2-Methylphenol	8.94	108	53863	20.24	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	9.03	45	96731	21.46	ng/ul	100
14) Acetophenone	9.33	105	91054	21.45	ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.30	70	54424	22.69	ng/ul	89
16) 4-Methylphenol	9.26	108	62695	21.45	ng/ul	98
17) Hexachloroethane	9.61	117	19182	21.41	ng/ul	95
20) Nitrobenzene	9.73	77	75024	22.18	ng/ul	96
21) Isophorone	10.24	82	136768	20.50	ng/ul#	96
23) 2-Nitrophenol	10.44	139	31008	22.13	ng/ul#	82
24) 2,4-Dimethylphenol	10.47	107	73543	22.03	ng/ul#	95
25) Bis(2-Chloroethoxy)methane	10.71	93	81963	19.97	ng/ul	96
27) 2,4-Dichlorophenol	10.97	162	53830	22.09	ng/ul	100
28) Naphthalene	11.39	128	171462	20.18	ng/ul	98
30) 4-Chloroaniline	11.49	127	70836	23.52	ng/ul	95
31) Hexachlorobutadiene	11.66	225	32512	21.69	ng/ul	92
32) Caprolactam	12.24	113	20907	19.45	ng/ul	93
33) 4-Chloro-3-methylphenol	12.56	107	73298	22.84	ng/ul	98
34) 2-Methylnaphthalene	12.96	142	129966	20.62	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.31	216	71508	21.78 ng/ul	97
37) Hexachlorocyclopentadiene	13.29	237	35147	19.11 ng/ul	96
38) 2,4,6-Trichlorophenol	13.54	196	47718	21.96 ng/ul	94
39) 2,4,5-Trichlorophenol	13.62	196	50911	22.50 ng/ul	99
40) 1,1'-Biphenyl	13.94	154	176742	20.14 ng/ul#	97
41) 2-Chloronaphthalene	13.99	162	134969	20.39 ng/ul	94
42) 2-Nitroaniline	14.19	65	57339	23.03 ng/ul	97
44) Dimethylphthalate	14.54	163	178667	19.40 ng/ul	97
45) 2,6-Dinitrotoluene	14.67	165	36239	21.13 ng/ul#	92
47) Acenaphthylene	14.83	152	218406	20.37 ng/ul	98
48) 3-Nitroaniline	15.00	138	37025	19.90 ng/ul#	93
49) Acenaphthene	15.17	153	147119	19.68 ng/ul	97
50) 2,4-Dinitrophenol	15.20	184	14920	12.56 ng/ul	93
52) 4-Nitrophenol	15.29	109	27347	18.93 ng/ul#	59
53) Dibenzofuran	15.50	168	218215	20.03 ng/ul	96
54) 2,4-Dinitrotoluene	15.45	165	52985	20.18 ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.72	232	47853	21.75 ng/ul	92
56) Diethylphthalate	15.89	149	190630	19.58 ng/ul	99
58) Fluorene	16.15	166	179563	19.86 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.13	204	93287	20.52 ng/ul	90
60) 4-Nitroaniline	16.16	138	41259	18.10 ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	16.21	198	28311	16.25 ng/ul#	95
64) N-Nitrosodiphenylamine	16.34	169	158212	20.68 ng/ul	93
65) 4-Bromophenyl-phenylether	17.02	248	58986	21.90 ng/ul	87
66) Hexachlorobenzene	17.15	284	62125	21.90 ng/ul	95
67) Atrazine	17.28	200	60948	20.80 ng/ul	96
68) Pentachlorophenol	17.49	266	33669	17.88 ng/ul	91
69) Phenanthrene	17.89	178	284286	19.90 ng/ul	97
71) Anthracene	17.99	178	292074	20.10 ng/ul	99
72) Carbazole	18.25	167	241972	19.36 ng/ul	99
73) Di-n-butylphthalate	18.78	149	311667	20.17 ng/ul	97
74) Fluoranthene	19.89	202	328031	20.40 ng/ul#	88
77) Pyrene	20.25	202	343018	19.19 ng/ul#	85
78) Butylbenzylphthalate	21.13	149	139901	20.77 ng/ul	99
79) 3,3'-Dichlorobenzidine	22.10	252	102228	18.37 ng/ul#	97
80) Benzo(a)anthracene	22.21	228	342627	20.35 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	22.06	149	197203	20.39 ng/ul	97
82) Chrysene	22.28	228	309941	20.38 ng/ul	97
84) Di-n-octyl phthalate	23.42	149	337662	19.13 ng/ul	100
85) Benzo(b)fluoranthene	24.71	252	336482	20.06 ng/ul#	97
86) Benzo(k)fluoranthene	24.79	252	320514	19.88 ng/ul#	95
88) Benzo(a)pyrene	25.71	252	322367	20.02 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	30.09	276	363444	19.77 ng/ul#	93
90) Dibenzo(a,h)anthracene	30.15	278	313518	19.86 ng/ul#	92
91) Benzo(g,h,i)perylene	31.41	276	283716	18.85 ng/ul#	91

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

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