Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027468.D
Acq On : 16 Jun 2017 11:50
Operator : SJ/MA
Sample : SSTD01079
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01079

Quant Time: Jun 16 13:22:08 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 16 13:19:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	42691	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	201386	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	132325	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	343637	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	383601	20.00	ng/ul	0.00
83) Perylene-d12	25.88	264	339924	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	4.08	96	4120	4.35	ng/uL	0.00
5) Phenol-d5	7.65	99	39636	10.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	29915	13.35	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	28056	8.67	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	31504	9.96	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	13429	7.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	14051	7.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	27587	9.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	40737	10.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	109667	10.30	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	122791	9.18	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	18865	9.83	ng/ul	0.00
57) Fluorene-d10	16.09	176	102842	11.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	16760	8.03	ng/ul	0.00
70) Anthracene-d10	17.95	188	157082	9.42	ng/ul	0.00
76) Pyrene-d10	20.22	212	185178	9.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	142485	8.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	4.12	88	4998	4.621	ng/uL#	86
4) Benzaldehyde	7.67	77	29717	16.139	ng/ul#	86
6) Phenol	7.68	94	42657	11.046	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.92	93	33646	11.286	ng/ul	97
10) 2-Chlorophenol	8.08	128	28392	8.921	ng/ul	91
11) 2-Methylphenol	8.93	108	30504	9.980	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	9.03	45	58186	18.701	ng/ul	99
14) Acetophenone	9.33	105	52144	11.227	ng/ul#	86
15) N-Nitroso-di-n-propylamine	9.30	70	29199	12.743	ng/ul#	85
16) 4-Methylphenol	9.26	108	34147	10.215	ng/ul	97
17) Hexachloroethane	9.61	117	11077	9.254	ng/ul#	79
20) Nitrobenzene	9.72	77	39090	12.034	ng/ul#	91
21) Isophorone	10.24	82	77189	12.378	ng/ul#	97
23) 2-Nitrophenol	10.44	139	15471	8.038	ng/ul#	73
24) 2,4-Dimethylphenol	10.47	107	38894	11.083	ng/ul#	94
25) Bis(2-Chloroethoxy)methane	10.71	93	48603	11.412	ng/ul	99
27) 2,4-Dichlorophenol	10.97	162	28218	9.727	ng/ul	99
28) Naphthalene	11.39	128	101666	9.698	ng/ul	98
30) 4-Chloroaniline	11.48	127	39744	10.820	ng/ul	89
31) Hexachlorobutadiene	11.66	225	17555	11.963	ng/ul	98
32) Caprolactam	12.24	113	11067	10.208	ng/ul	94
33) 4-Chloro-3-methylphenol	12.57	107	36754	11.683	ng/ul	95
34) 2-Methylnaphthalene	12.95	142	74738	9.607	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	13.31	216	37811	10.837 ng/ul	96
37) Hexachlorocyclopentadiene	13.29	237	18131	11.796 ng/ul#	98
38) 2,4,6-Trichlorophenol	13.54	196	23772	9.905 ng/ul	97
39) 2,4,5-Trichlorophenol	13.61	196	25132	10.130 ng/ul	97
40) 1,1'-Biphenyl	13.94	154	100633	9.046 ng/ul#	95
41) 2-Chloronaphthalene	13.99	162	77717	9.294 ng/ul	96
42) 2-Nitroaniline	14.18	65	27009	11.304 ng/ul	99
44) Dimethylphthalate	14.53	163	108254	10.383 ng/ul	98
45) 2,6-Dinitrotoluene	14.66	165	18576	8.442 ng/ul	97
47) Acenaphthylene	14.83	152	125151	9.184 ng/ul	98
48) 3-Nitroaniline	15.00	138	20563	8.881 ng/ul#	96
49) Acenaphthene	15.17	153	86830	9.159 ng/ul	99
50) 2,4-Dinitrophenol	15.20	184	10845	9.639 ng/ul	95
52) 4-Nitrophenol	15.28	109	14957	13.284 ng/ul#	54
53) Dibenzofuran	15.50	168	128522	10.186 ng/ul	96
54) 2,4-Dinitrotoluene	15.44	165	28756	9.131 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.72	232	24786	12.717 ng/ul#	87
56) Diethylphthalate	15.89	149	113370	10.389 ng/ul	99
58) Fluorene	16.15	166	104685	10.165 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.13	204	53515	11.919 ng/ul	90
60) 4-Nitroaniline	16.16	138	24694	9.675 ng/ul#	65
63) 4,6-Dinitro-2-methylphenol	16.21	198	18161	8.357 ng/ul#	95
64) N-Nitrosodiphenylamine	16.34	169	94915	8.403 ng/ul	91
65) 4-Bromophenyl-phenylether	17.02	248	32517	9.483 ng/ul	91
66) Hexachlorobenzene	17.15	284	34715	9.401 ng/ul	95
67) Atrazine	17.28	200	36810	10.428 ng/ul	95
68) Pentachlorophenol	17.49	266	19706	11.685 ng/ul	96
69) Phenanthrene	17.90	178	181227	9.362 ng/ul	97
71) Anthracene	17.99	178	184265	9.279 ng/ul	99
72) Carbazole	18.25	167	162001	9.647 ng/ul	100
73) Di-n-butylphthalate	18.78	149	191011	8.743 ng/ul#	95
74) Fluoranthene	19.89	202	211643	11.776 ng/ul#	87
77) Pyrene	20.25	202	229020	8.899 ng/ul#	82
78) Butylbenzylphthalate	21.13	149	74705	6.250 ng/ul	93
79) 3,3'-Dichlorobenzidine	22.11	252	63989	8.677 ng/ul#	95
80) Benzo(a)anthracene	22.21	228	205333	9.152 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	22.07	149	108633	6.369 ng/ul	98
82) Chrysene	22.28	228	187227	8.983 ng/ul	99
84) Di-n-octyl phthalate	23.42	149	182724	7.822 ng/ul	100
85) Benzo(b)fluoranthene	24.71	252	190074	9.786 ng/ul#	96
86) Benzo(k)fluoranthene	24.79	252	187339	9.816 ng/ul#	95
88) Benzo(a)pyrene	25.71	252	185890	9.724 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	30.09	276	206007	9.091 ng/ul#	89
90) Dibenzo(a,h)anthracene	30.16	278	179331	9.333 ng/ul#	91
91) Benzo(g,h,i)perylene	31.40	276	170365	9.065 ng/ul#	87

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

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