Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012617\
Data File : BG025700.D
Acq On : 27 Jan 2017 13:12
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02023

Quant Time: Jan 27 14:00:00 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 27 11:48:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	98738	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	426793	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	327668	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	704525	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	795453	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	800451	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	15388	7.80	ng/uL	0.00
5) Phenol-d5	7.34	99	186866	22.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	124797	22.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	127477	21.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	144906	20.14	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	66320	21.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	80157	22.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	151772	21.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	183009	22.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	476364	20.59	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	568492	22.75	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	55469	17.49	ng/ul	0.00
57) Fluorene-d10	15.80	176	449719	20.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	81099	18.66	ng/ul	0.00
70) Anthracene-d10	17.66	188	661221	22.04	ng/ul	0.00
76) Pyrene-d10	19.94	212	763624	23.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	752895	22.38	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	18912	8.11	ng/uL	94
4) Benzaldehyde	7.32	77	144192	24.74	ng/ul	95
6) Phenol	7.36	94	188473	21.20	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.59	93	140359	22.10	ng/ul	93
10) 2-Chlorophenol	7.74	128	129160	21.85	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.70	45	281017	23.30	ng/ul	98
14) Acetophenone	9.01	105	235986	21.00	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.98	70	138104	20.54	ng/ul	95
16) 4-Methylphenol	8.96	108	150850	20.78	ng/ul	96
17) Hexachloroethane	9.25	117	62787	22.81	ng/ul#	91
20) Nitrobenzene	9.41	77	207607	21.44	ng/ul	99
21) Isophorone	9.92	82	375622	20.65	ng/ul	97
23) 2-Nitrophenol	10.12	139	79590	21.59	ng/ul	89
24) 2,4-Dimethylphenol	10.17	107	188744	21.24	ng/ul#	95
25) Bis(2-Chloroethoxy)methane	10.39	93	207000	22.56	ng/ul	94
27) 2,4-Dichlorophenol	10.66	162	149859	21.67	ng/ul	96
28) Naphthalene	11.05	128	438315	22.24	ng/ul	96
30) 4-Chloroaniline	11.18	127	181745	22.66	ng/ul#	87
31) Hexachlorobutadiene	11.31	225	122906	20.34	ng/ul#	86
32) Caprolactam	11.94	113	51654	17.77	ng/ul	85
33) 4-Chloro-3-methylphenol	12.29	107	174684	20.80	ng/ul	99
34) 2-Methylnaphthalene	12.64	142	343961	21.38	ng/ul	95
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	218918	22.19	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Hexachlorocyclopentadiene	12.97	237	78120	20.06	ng/ul	99
38) 2,4,6-Trichlorophenol	13.26	196	129551	21.69	ng/ul	89
39) 2,4,5-Trichlorophenol	13.34	196	140574	22.44	ng/ul	96
40) 1,1'-Biphenyl	13.64	154	452483	22.29	ng/ul	99
41) 2-Chloronaphthalene	13.70	162	358645	22.76	ng/ul	97
42) 2-Nitroaniline	13.91	65	149487	21.88	ng/ul	100
44) Dimethylphthalate	14.25	163	456765	20.07	ng/ul	99
45) 2,6-Dinitrotoluene	14.40	165	101831	21.74	ng/ul	95
47) Acenaphthylene	14.54	152	551506	22.66	ng/ul	97
48) 3-Nitroaniline	14.74	138	96125	22.68	ng/ul#	88
49) Acenaphthene	14.87	153	390593	22.53	ng/ul	96
50) 2,4-Dinitrophenol	14.97	184	57823	21.00	ng/ul#	82
52) 4-Nitrophenol	15.07	109	66190	15.07	ng/ul	93
53) Dibenzofuran	15.21	168	580570	21.79	ng/ul	99
54) 2,4-Dinitrotoluene	15.19	165	149710	20.96	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.44	232	130609	19.71	ng/ul#	99
56) Diethylphthalate	15.60	149	493056	20.04	ng/ul	98
58) Fluorene	15.85	166	456654	20.99	ng/ul	94
59) 4-Chlorophenyl-phenylether	15.83	204	242754	19.78	ng/ul	91
60) 4-Nitroaniline	15.90	138	93535	22.80	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.96	198	84008	18.75	ng/ul#	91
64) N-Nitrosodiphenylamine	16.05	169	423092	23.30	ng/ul	95
65) 4-Bromophenyl-phenylether	16.73	248	176827	21.63	ng/ul	96
66) Hexachlorobenzene	16.86	284	195779	21.07	ng/ul	94
67) Atrazine	16.99	200	182619	21.40	ng/ul	97
68) Pentachlorophenol	17.22	266	69327	17.94	ng/ul	97
69) Phenanthrene	17.60	178	756943	22.10	ng/ul	98
71) Anthracene	17.69	178	782641	22.73	ng/ul	99
72) Carbazole	17.97	167	663885	23.25	ng/ul	98
73) Di-n-butylphthalate	18.48	149	811456	21.98	ng/ul	99
74) Fluoranthene	19.60	202	894705	22.13	ng/ul	99
77) Pyrene	19.97	202	901194	23.04	ng/ul	99
78) Butylbenzylphthalate	20.81	149	367269	24.14	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.73	252	350161	23.99	ng/ul#	95
80) Benzo(a)anthracene	21.83	228	930626	22.14	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.67	149	514996	24.26	ng/ul#	97
82) Chrysene	21.90	228	881910	22.31	ng/ul	97
84) Di-n-octyl phthalate	22.91	149	880210	25.62	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	903293	21.80	ng/ul#	97
86) Benzo(k)fluoranthene	24.23	252	880457	22.66	ng/ul#	99
88) Benzo(a)pyrene	25.08	252	873905	22.30	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.18	276	1006205	20.27	ng/ul#	95
90) Dibenzo(a,h)anthracene	29.21	278	870774	21.06	ng/ul	94
91) Benzo(g,h,i)perylene	30.39	276	836048	20.51	ng/ul	96

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

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