Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021716\
Data File : BG020934.D
Acq On : 17 Feb 2016 20:05
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02030

Quant Time: Feb 18 01:05:56 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 18 00:59:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	21176	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	111060	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	70125	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.61	188	153958	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	141378	20.00	ng/ul	0.00
86) Perylene-d12	25.26	264	132624	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	3320	7.61	ng/uL	0.00
5) Phenol-d5	7.40	99	39080	18.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	20610	18.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	31820	18.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	34958	18.75	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	17497	19.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	18471	20.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	32719	19.18	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	48950	21.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	110806	18.36	ng/ul	0.00
47) Acenaphthylene-d8	14.57	160	142314	19.31	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	22251	18.42	ng/ul	0.00
58) Fluorene-d10	15.86	176	98786	19.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	13990	18.75	ng/ul	0.00
71) Anthracene-d10	17.71	188	143240	18.83	ng/ul	0.00
79) Pyrene-d10	19.97	212	138637	19.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.03	264	139433	18.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	3876	7.34	ng/uL#	87
4) Benzaldehyde	7.39	77	24629	20.77	ng/ul	95
6) Phenol	7.43	94	41753	18.39	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.67	93	31998	18.39	ng/ul	96
10) 2-Chlorophenol	7.82	128	32862	19.05	ng/ul	96
11) 2-Methylphenol	8.69	108	33787	18.81	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.79	45	32661	18.08	ng/ul	98
14) Acetophenone	9.08	105	53841	19.10	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.06	70	25834	18.11	ng/ul	98
16) 4-Methylphenol	9.02	108	37373	18.75	ng/ul	98
17) Hexachloroethane	9.35	117	12277	19.08	ng/ul	99
20) Nitrobenzene	9.48	77	34907	18.67	ng/ul	96
21) Isophorone	9.99	82	74978	17.94	ng/ul	98
23) 2-Nitrophenol	10.19	139	20353	19.61	ng/ul	100
24) 2,4-Dimethylphenol	10.23	107	39074	18.82	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.47	93	48781	18.39	ng/ul	99
27) 2,4-Dichlorophenol	10.72	162	35086	19.61	ng/ul	97
28) Naphthalene	11.14	128	120558	19.55	ng/ul	99
30) 4-Chloroaniline	11.24	127	52492	21.86	ng/ul	98
31) Hexachlorobutadiene	11.41	225	16550	19.39	ng/ul	96
32) Caprolactam	11.98	113	13769	18.97	ng/ul	92
33) 4-Chloro-3-methylphenol	12.34	107	40253	19.25	ng/ul	97
34) 2-Methylnaphthalene	12.72	142	89963	19.27	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.94	142	86125	19.47	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.08	216	38832	19.42	ng/ul	99
38) Hexachlorocyclopentadiene	13.06	237	18459	16.92	ng/ul	96
39) 2,4,6-Trichlorophenol	13.31	196	28303	19.57	ng/ul	97
40) 2,4,5-Trichlorophenol	13.38	196	31206	19.51	ng/ul	99
41) 1,1'-Biphenyl	13.71	154	118909	19.16	ng/ul	97
42) 2-Chloronaphthalene	13.76	162	87628	19.15	ng/ul	99
43) 2-Nitroaniline	13.95	65	23389	18.79	ng/ul	95
45) Dimethylphthalate	14.32	163	115313	18.35	ng/ul	98
46) 2,6-Dinitrotoluene	14.44	165	23891	19.35	ng/ul	97
48) Acenaphthylene	14.60	152	156260	19.32	ng/ul	98
49) 3-Nitroaniline	14.77	138	28662	20.60	ng/ul	96
50) Acenaphthene	14.94	153	108087	19.13	ng/ul	97
51) 2,4-Dinitrophenol	14.97	184	7792	16.11	ng/ul	93
53) 4-Nitrophenol	15.06	109	12364	17.96	ng/ul	91
54) Dibenzofuran	15.27	168	141600	19.30	ng/ul	99
55) 2,4-Dinitrotoluene	15.22	165	33640	19.64	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.49	232	25687	18.52	ng/ul	96
57) Diethylphthalate	15.67	149	122136	18.45	ng/ul	99
59) Fluorene	15.91	166	122724	19.23	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.90	204	52296	19.19	ng/ul	97
61) 4-Nitroaniline	15.93	138	30548	19.39	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.98	198	15628	18.62	ng/ul#	96
65) N-Nitrosodiphenylamine	16.11	169	101540	19.21	ng/ul	98
66) 4-Bromophenyl-phenylether	16.80	248	31637	19.13	ng/ul	96
67) Hexachlorobenzene	16.91	284	35526	19.50	ng/ul	98
68) Atrazine	17.05	200	31483	18.40	ng/ul	98
69) Pentachlorophenol	17.25	266	18138	16.92	ng/ul	97
70) Phenanthrene	17.65	178	184284	18.99	ng/ul	99
72) Anthracene	17.74	178	184783	18.92	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.68	216	37085	19.42	ng/uL	99
74) Pentachlorobenzene	15.19	250	37436	19.27	ng/uL	98
75) Carbazole	18.01	167	160264	18.68	ng/ul	99
76) Di-n-butylphthalate	18.55	149	201667	18.28	ng/ul	100
77) Fluoranthene	19.64	202	189869	18.91	ng/ul	96
80) Pyrene	20.00	202	195735	19.17	ng/ul	99
81) Butylbenzylphthalate	20.87	149	88466	18.67	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.77	252	60877	20.00	ng/ul	98
83) Benzo(a)anthracene	21.87	228	177856	19.29	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.75	149	132835	18.49	ng/ul#	100
85) Chrysene	21.94	228	164977	19.43	ng/ul	99
87) Di-n-octyl phthalate	23.02	149	221909	18.57	ng/ul	100
88) Benzo(b)fluoranthene	24.18	252	171317	18.97	ng/ul	98
89) Benzo(k)fluoranthene	24.25	252	166921	19.35	ng/ul	99
91) Benzo(a)pyrene	25.10	252	163307	19.11	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.11	276	191521	19.43	ng/ul	98
93) Dibenzo(a,h)anthracene	29.19	278	155938	19.31	ng/ul	98
94) Benzo(g,h,i)perylene	30.33	276	156035	19.36	ng/ul	99

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

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