Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021716\
Data File : BG020919.D
Acq On : 17 Feb 2016 9:40
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02029

Quant Time: Feb 18 01:00:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 17 00:00:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	19493	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	101693	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	64003	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.61	188	144708	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	136178	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	126953	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	2980	7.42	ng/uL	0.00
5) Phenol-d5	7.40	99	36052	18.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	19587	18.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	29038	18.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	31826	18.54	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	15631	19.15	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	16631	20.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	29994	19.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	45222	21.74	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	103562	18.80	ng/ul	0.00
47) Acenaphthylene-d8	14.57	160	128720	19.13	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	21139	19.17	ng/ul	0.00
58) Fluorene-d10	15.86	176	89531	19.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	12666	18.06	ng/ul	0.00
71) Anthracene-d10	17.71	188	136388	19.08	ng/ul	0.00
79) Pyrene-d10	19.98	212	131358	18.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.03	264	132577	18.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	3419	7.04	ng/uL#	96
4) Benzaldehyde	7.39	77	23037	21.11	ng/ul	97
6) Phenol	7.43	94	38138	18.24	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.67	93	29965	18.71	ng/ul	95
10) 2-Chlorophenol	7.82	128	30668	19.31	ng/ul	98
11) 2-Methylphenol	8.69	108	30377	18.37	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.79	45	30758	18.49	ng/ul	99
14) Acetophenone	9.09	105	49152	18.94	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.06	70	24686	18.80	ng/ul	95
16) 4-Methylphenol	9.02	108	34701	18.91	ng/ul	99
17) Hexachloroethane	9.36	117	11304	19.08	ng/ul	94
20) Nitrobenzene	9.48	77	32355	18.90	ng/ul	98
21) Isophorone	10.00	82	70085	18.32	ng/ul	99
23) 2-Nitrophenol	10.19	139	18826	19.81	ng/ul	98
24) 2,4-Dimethylphenol	10.24	107	35286	18.56	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.47	93	45435	18.71	ng/ul	98
27) 2,4-Dichlorophenol	10.73	162	31948	19.50	ng/ul	96
28) Naphthalene	11.14	128	109597	19.41	ng/ul	100
30) 4-Chloroaniline	11.24	127	48416	22.02	ng/ul	100
31) Hexachlorobutadiene	11.42	225	15573	19.93	ng/ul	97
32) Caprolactam	11.99	113	12729	19.16	ng/ul	93
33) 4-Chloro-3-methylphenol	12.34	107	35984	18.79	ng/ul	98
34) 2-Methylnaphthalene	12.72	142	82211	19.23	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.94	142	77302	19.09	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.08	216	35199	19.29	ng/ul	98
38) Hexachlorocyclopentadiene	13.06	237	17562	17.64	ng/ul	95
39) 2,4,6-Trichlorophenol	13.32	196	25281	19.15	ng/ul	96
40) 2,4,5-Trichlorophenol	13.39	196	28596	19.58	ng/ul	95
41) 1,1'-Biphenyl	13.72	154	106985	18.89	ng/ul	98
42) 2-Chloronaphthalene	13.76	162	80420	19.26	ng/ul	99
43) 2-Nitroaniline	13.96	65	20967	18.46	ng/ul	94
45) Dimethylphthalate	14.32	163	108272	18.88	ng/ul	98
46) 2,6-Dinitrotoluene	14.45	165	21925	19.46	ng/ul	96
48) Acenaphthylene	14.60	152	141295	19.14	ng/ul	99
49) 3-Nitroaniline	14.77	138	26612	20.95	ng/ul	95
50) Acenaphthene	14.94	153	96884	18.79	ng/ul	96
51) 2,4-Dinitrophenol	14.97	184	7381	16.72	ng/ul	94
53) 4-Nitrophenol	15.07	109	11390	18.13	ng/ul	95
54) Dibenzofuran	15.27	168	128512	19.19	ng/ul	99
55) 2,4-Dinitrotoluene	15.22	165	31603	20.22	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.49	232	24132	19.06	ng/ul	97
57) Diethylphthalate	15.67	149	115219	19.07	ng/ul	99
59) Fluorene	15.92	166	110673	19.00	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.90	204	47321	19.02	ng/ul	98
61) 4-Nitroaniline	15.93	138	28065	19.51	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.98	198	14451	18.32	ng/ul	96
65) N-Nitrosodiphenylamine	16.11	169	92899	18.70	ng/ul	99
66) 4-Bromophenyl-phenylether	16.79	248	29419	18.93	ng/ul	98
67) Hexachlorobenzene	16.92	284	32832	19.17	ng/ul	97
68) Atrazine	17.05	200	29520	18.35	ng/ul	97
69) Pentachlorophenol	17.26	266	16510	16.39	ng/ul	93
70) Phenanthrene	17.65	178	171977	18.86	ng/ul	99
72) Anthracene	17.75	178	174602	19.02	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.68	216	33725	18.79	ng/uL	98
74) Pentachlorobenzene	15.19	250	34333	18.80	ng/uL	98
75) Carbazole	18.01	167	151001	18.73	ng/ul	99
76) Di-n-butylphthalate	18.55	149	192703	18.58	ng/ul	100
77) Fluoranthene	19.64	202	178317	18.90	ng/ul	98
80) Pyrene	20.01	202	184663	18.78	ng/ul	98
81) Butylbenzylphthalate	20.87	149	83221	18.23	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.78	252	57913	19.76	ng/ul	99
83) Benzo(a)anthracene	21.87	228	167678	18.88	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.75	149	124981	18.06	ng/ul	100
85) Chrysene	21.94	228	155237	18.98	ng/ul	99
87) Di-n-octyl phthalate	23.02	149	210912	18.43	ng/ul	100
88) Benzo(b)fluoranthene	24.18	252	166505	19.26	ng/ul	99
89) Benzo(k)fluoranthene	24.26	252	153659	18.61	ng/ul	98
91) Benzo(a)pyrene	25.11	252	155440	19.00	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.13	276	180522	19.13	ng/ul	99
93) Dibenzo(a,h)anthracene	29.20	278	147011	19.02	ng/ul	99
94) Benzo(g,h,i)perylene	30.34	276	146664	19.01	ng/ul	98

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

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