Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019672.D
Acq On : 17 Nov 2015 22:56
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02031

Quant Time: Nov 18 01:24:42 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 01:19:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	20324	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	87393	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	72773	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	212674	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	278031	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	268920	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	3527	7.41	ng/uL	0.00
5) Phenol-d5	7.29	99	39200	18.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	26604	19.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	25259	18.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	31620	18.34	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	13441	18.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	15330	18.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	33418	19.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	36547	22.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	124748	18.95	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	137293	19.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	20644	19.91	ng/ul	0.00
58) Fluorene-d10	15.77	176	113859	19.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	25775	18.76	ng/ul	0.00
71) Anthracene-d10	17.62	188	197932	19.17	ng/ul	0.00
79) Pyrene-d10	19.89	212	246856	19.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	274276	19.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	4865	8.97	ng/uL#	93
4) Benzaldehyde	7.27	77	32175	21.21	ng/ul	93
6) Phenol	7.32	94	43554	19.37	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.56	93	30879	19.74	ng/ul	96
10) 2-Chlorophenol	7.71	128	24786	19.00	ng/ul	89
11) 2-Methylphenol	8.59	108	29928	18.08	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.68	45	26162	19.15	ng/ul#	94
14) Acetophenone	8.98	105	53603	18.82	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.95	70	34713	18.04	ng/ul#	96
16) 4-Methylphenol	8.92	108	35637	19.11	ng/ul	95
17) Hexachloroethane	9.24	117	12188	19.66	ng/ul	87
20) Nitrobenzene	9.36	77	49583	19.19	ng/ul	96
21) Isophorone	9.88	82	93537	18.77	ng/ul	99
23) 2-Nitrophenol	10.08	139	16345	18.70	ng/ul	97
24) 2,4-Dimethylphenol	10.13	107	44568	19.14	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.37	93	46239	18.74	ng/ul#	92
27) 2,4-Dichlorophenol	10.62	162	32407	19.49	ng/ul	97
28) Naphthalene	11.03	128	87258	18.49	ng/ul	98
30) 4-Chloroaniline	11.13	127	37070	21.50	ng/ul	99
31) Hexachlorobutadiene	11.31	225	28379	18.96	ng/ul	96
32) Caprolactam	11.87	113	12972	19.18	ng/ul	97
33) 4-Chloro-3-methylphenol	12.24	107	45214	19.50	ng/ul	92
34) 2-Methylnaphthalene	12.63	142	71091	18.88	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.84	142	71486	19.06	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.98	216	55711	19.10	ng/ul	94
38) Hexachlorocyclopentadiene	12.96	237	26412	15.54	ng/ul	90
39) 2,4,6-Trichlorophenol	13.22	196	34687	19.50	ng/ul	96
40) 2,4,5-Trichlorophenol	13.30	196	36094	19.39	ng/ul	96
41) 1,1'-Biphenyl	13.62	154	104432	19.29	ng/ul	99
42) 2-Chloronaphthalene	13.67	162	82018	19.50	ng/ul	97
43) 2-Nitroaniline	13.87	65	34601	19.46	ng/ul	97
45) Dimethylphthalate	14.22	163	124910	19.14	ng/ul	99
46) 2,6-Dinitrotoluene	14.35	165	25984	19.90	ng/ul	88
48) Acenaphthylene	14.51	152	135713	19.06	ng/ul#	94
49) 3-Nitroaniline	14.68	138	23533	21.63	ng/ul	95
50) Acenaphthene	14.85	153	95078	19.50	ng/ul	97
51) 2,4-Dinitrophenol	14.89	184	14979	17.46	ng/ul	95
53) 4-Nitrophenol	14.99	109	25413	20.11	ng/ul	93
54) Dibenzofuran	15.18	168	141720	19.83	ng/ul	96
55) 2,4-Dinitrotoluene	15.13	165	39992	19.70	ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.40	232	40479	20.50	ng/ul	95
57) Diethylphthalate	15.58	149	122090	18.73	ng/ul	98
59) Fluorene	15.82	166	122092	19.54	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.81	204	68206	18.77	ng/ul	99
61) 4-Nitroaniline	15.84	138	28541	21.79	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.90	198	27732	19.01	ng/ul#	98
65) N-Nitrosodiphenylamine	16.02	169	108370	18.92	ng/ul	100
66) 4-Bromophenyl-phenylether	16.70	248	48730	19.06	ng/ul	99
67) Hexachlorobenzene	16.83	284	51096	18.95	ng/ul	98
68) Atrazine	16.96	200	52163	19.52	ng/ul#	93
69) Pentachlorophenol	17.17	266	29140	19.31	ng/ul	94
70) Phenanthrene	17.57	178	218691	19.21	ng/ul	97
72) Anthracene	17.66	178	224918	19.60	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.59	216	57540	19.60	ng/uL	98
74) Pentachlorobenzene	15.10	250	58050	18.95	ng/uL	96
75) Carbazole	17.92	167	191470	20.78	ng/ul	99
76) Di-n-butylphthalate	18.46	149	229776	19.22	ng/ul	99
77) Fluoranthene	19.56	202	310809	21.43	ng/ul	98
80) Pyrene	19.92	202	317314	19.54	ng/ul	98
81) Butylbenzylphthalate	20.79	149	109139	20.43	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.68	252	111692	21.96	ng/ul#	99
83) Benzo(a)anthracene	21.77	228	329637	19.56	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	154045	19.67	ng/ul	98
85) Chrysene	21.84	228	311364	19.62	ng/ul	100
87) Di-n-octyl phthalate	22.89	149	271998	20.83	ng/ul	100
88) Benzo(b)fluoranthene	24.05	252	320681	19.35	ng/ul	100
89) Benzo(k)fluoranthene	24.12	252	305150	19.09	ng/ul	99
91) Benzo(a)pyrene	24.95	252	299931	18.80	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.90	276	343662	19.25	ng/ul	94
93) Dibenzo(a,h)anthracene	28.97	278	283026	19.29	ng/ul	99
94) Benzo(g,h,i)perylene	30.09	276	284081	19.18	ng/ul	100

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

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