Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082915\
Data File : BG018536.D
Acq On : 29 Aug 2015 13:22
Operator : UM/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02018

Quant Time: Aug 31 03:33:53 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:58:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	92340	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	447610	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	307173	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	778080	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	786342	20.00	ng/ul	0.02
86) Perylene-d12	24.89	264	798406	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	13722	6.57	ng/uL	0.00
5) Phenol-d5	7.17	99	177526	21.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	104204	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	126595	19.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	155662	22.11	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	71863	20.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	71668	20.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	164842	21.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	219933	25.80	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	525174	20.32	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	650210	19.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	100575	21.63	ng/ul	0.00
58) Fluorene-d10	15.63	176	461224	20.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	75966	19.85	ng/ul	0.00
71) Anthracene-d10	17.49	188	746597	20.06	ng/ul	0.00
79) Pyrene-d10	19.78	212	838960	20.56	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.68	264	855201	20.18	ng/ul	0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	15973	7.14	ng/uL#	72
4) Benzaldehyde	7.14	77	117157	23.83	ng/ul	95
6) Phenol	7.20	94	186272	21.79	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.43	93	135028	20.53	ng/ul	98
10) 2-Chlorophenol	7.58	128	130139	19.89	ng/ul	93
11) 2-Methylphenol	8.45	108	143275	21.61	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.55	45	174374	16.52	ng/ul#	95
14) Acetophenone	8.83	105	238678	23.47	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.82	70	127088	21.77	ng/ul	91
16) 4-Methylphenol	8.78	108	162065	22.40	ng/ul	91
17) Hexachloroethane	9.10	117	48172	17.09	ng/ul	87
20) Nitrobenzene	9.22	77	174076	19.77	ng/ul	97
21) Isophorone	9.74	82	357657	21.12	ng/ul	99
23) 2-Nitrophenol	9.93	139	80340	20.36	ng/ul	88
24) 2,4-Dimethylphenol	9.99	107	174044	19.68	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.22	93	215066	20.37	ng/ul	96
27) 2,4-Dichlorophenol	10.46	162	150948	21.36	ng/ul	95
28) Naphthalene	10.87	128	481282	20.34	ng/ul	98
30) 4-Chloroaniline	10.97	127	215636	24.87	ng/ul	97
31) Hexachlorobutadiene	11.16	225	83547	18.72	ng/ul#	92
32) Caprolactam	11.73	113	66077	23.22	ng/ul	90
33) 4-Chloro-3-methylphenol	12.10	107	171600	20.96	ng/ul	98
34) 2-Methylnaphthalene	12.47	142	371278	21.67	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	361782	21.63 ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	193389	19.64 ng/ul	96
38) Hexachlorocyclopentadiene	12.83	237	99461	16.96 ng/ul	94
39) 2,4,6-Trichlorophenol	13.08	196	131501	19.60 ng/ul	96
40) 2,4,5-Trichlorophenol	13.15	196	140220	19.44 ng/ul	97
41) 1,1'-Biphenyl	13.48	154	510746	19.92 ng/ul	97
42) 2-Chloronaphthalene	13.52	162	386373	19.40 ng/ul	97
43) 2-Nitroaniline	13.72	65	116055	18.05 ng/ul#	81
45) Dimethylphthalate	14.09	163	519261	20.37 ng/ul#	98
46) 2,6-Dinitrotoluene	14.21	165	103185	20.32 ng/ul	98
48) Acenaphthylene	14.36	152	667079	20.44 ng/ul	99
49) 3-Nitroaniline	14.54	138	124696	24.08 ng/ul	88
50) Acenaphthene	14.71	153	459111	20.05 ng/ul	99
51) 2,4-Dinitrophenol	14.75	184	50047	20.21 ng/ul#	83
53) 4-Nitrophenol	14.85	109	71198	17.62 ng/ul	98
54) Dibenzofuran	15.04	168	626241	20.93 ng/ul	95
55) 2,4-Dinitrotoluene	15.00	165	152011	20.98 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.27	232	127189	20.24 ng/ul#	95
57) Diethylphthalate	15.46	149	532747	19.67 ng/ul	99
59) Fluorene	15.69	166	537918	20.90 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.68	204	252353	20.72 ng/ul	96
61) 4-Nitroaniline	15.70	138	129727	22.68 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.76	198	79958	19.59 ng/ul	97
65) N-Nitrosodiphenylamine	15.89	169	457379	19.54 ng/ul	96
66) 4-Bromophenyl-phenylether	16.57	248	164796	19.59 ng/ul	96
67) Hexachlorobenzene	16.70	284	177746	19.97 ng/ul	95
68) Atrazine	16.84	200	190847	21.78 ng/ul	96
69) Pentachlorophenol	17.04	266	108245	18.16 ng/ul	96
70) Phenanthrene	17.43	178	854080	20.23 ng/ul	99
72) Anthracene	17.53	178	867426	20.16 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	205388	19.08 ng/uL	98
74) Pentachlorobenzene	14.96	250	195426	19.01 ng/uL	96
75) Carbazole	17.79	167	838515	22.23 ng/ul	98
76) Di-n-butylphthalate	18.35	149	1007330	20.44 ng/ul	98
77) Fluoranthene	19.44	202	1042003	23.11 ng/ul	100
80) Pyrene	19.81	202	1079844	20.31 ng/ul	99
81) Butylbenzylphthalate	20.69	149	427849	19.02 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.56	252	345010	21.13 ng/ul	98
83) Benzo(a)anthracene	21.64	228	970778	19.91 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.56	149	621912	19.57 ng/ul	98
85) Chrysene	21.71	228	901304	19.77 ng/ul	99
87) Di-n-octyl phthalate	22.77	149	1051121	20.40 ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	981011	19.56 ng/ul	99
89) Benzo(k)fluoranthene	23.94	252	940702	19.48 ng/ul	99
91) Benzo(a)pyrene	24.75	252	942909	19.77 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.58	276	1085340	19.67 ng/ul	97
93) Dibenzo(a,h)anthracene	28.64	278	886879	19.35 ng/ul	98
94) Benzo(g,h,i)perylene	29.74	276	906106	19.55 ng/ul	99

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

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