Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018353.D
Acq On : 10 Aug 2015 6:31
Operator : UM/TP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02086

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:27:45 PM

Quant Time: Aug 10 07:10:24 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 07:09:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	98821	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	431126	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	251144	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	523730	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	465869	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	478356	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	14470	6.52	ng/uL	0.00
5) Phenol-d5	7.23	99	177290	19.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	106976	19.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	136905	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	147400	19.69	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	68386	20.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	72258	21.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	150680	20.89	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	193733	24.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	403748	19.25	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	547931	20.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	71707	19.04	ng/ul	0.00
58) Fluorene-d10	15.69	176	358307	19.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	25430	9.94	ng/ul	0.00
71) Anthracene-d10	17.54	188	519516	20.92	ng/ul	0.00
79) Pyrene-d10	19.82	212	497683	20.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	521741	20.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	15394	6.50	ng/uL	88
4) Benzaldehyde	7.21	77	116923	22.30	ng/ul	94
6) Phenol	7.26	94	182991	20.17	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.49	93	135675	19.44	ng/ul	97
10) 2-Chlorophenol	7.64	128	140516	20.24	ng/ul	94
11) 2-Methylphenol	8.52	108	139390	19.87	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.61	45	219407	19.63	ng/ul	100
14) Acetophenone	8.90	105	214258	19.88	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.88	70	114721	18.51	ng/ul	96
16) 4-Methylphenol	8.84	108	153260	19.82	ng/ul	92
17) Hexachloroethane	9.17	117	59462	19.85	ng/ul	97
20) Nitrobenzene	9.28	77	170698	20.49	ng/ul	96
21) Isophorone	9.81	82	312406	19.39	ng/ul	99
23) 2-Nitrophenol	9.99	139	78513	21.14	ng/ul	95
24) 2,4-Dimethylphenol	10.05	107	166797	19.72	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.28	93	190990	19.08	ng/ul	97
27) 2,4-Dichlorophenol	10.53	162	140396	20.90	ng/ul	97
28) Naphthalene	10.93	128	462659	20.58	ng/ul	98
30) 4-Chloroaniline	11.03	127	190583	23.31	ng/ul	95
31) Hexachlorobutadiene	11.22	225	87421	20.55	ng/ul	98
32) Caprolactam	11.80	113	50649m	18.71	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	159340	20.37	ng/ul	99
34) 2-Methylnaphthalene	12.53	142	334320	20.55	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	324332	20.49	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	171013	21.40	ng/ul	95
38) Hexachlorocyclopentadiene	12.88	237	42537	9.00	ng/ul#	95
39) 2,4,6-Trichlorophenol	13.14	196	117963	21.74	ng/ul	96
40) 2,4,5-Trichlorophenol	13.21	196	127174	21.88	ng/ul	99
41) 1,1'-Biphenyl	13.53	154	427984	20.63	ng/ul	99
42) 2-Chloronaphthalene	13.58	162	340005	21.10	ng/ul	97
43) 2-Nitroaniline	13.77	65	106021	20.40	ng/ul	98
45) Dimethylphthalate	14.15	163	408594	19.79	ng/ul	100
46) 2,6-Dinitrotoluene	14.27	165	85712	20.93	ng/ul	92
48) Acenaphthylene	14.42	152	541634	20.50	ng/ul	100
49) 3-Nitroaniline	14.59	138	94930	22.84	ng/ul#	94
50) Acenaphthene	14.76	153	375287	20.26	ng/ul	97
51) 2,4-Dinitrophenol	14.80	184	12361	6.22	ng/ul#	74
53) 4-Nitrophenol	14.90	109	61020	18.75	ng/ul	96
54) Dibenzofuran	15.09	168	489905	20.23	ng/ul	100
55) 2,4-Dinitrotoluene	15.05	165	117704	20.16	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.32	232	101611	20.03	ng/ul#	96
57) Diethylphthalate	15.51	149	420449	19.12	ng/ul	97
59) Fluorene	15.75	166	407635	19.55	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.73	204	195973	19.92	ng/ul	96
61) 4-Nitroaniline	15.75	138	91850	20.01	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.82	198	27875	10.21	ng/ul#	95
65) N-Nitrosodiphenylamine	15.95	169	345322	21.95	ng/ul	95
66) 4-Bromophenyl-phenylether	16.63	248	118476	21.08	ng/ul	97
67) Hexachlorobenzene	16.75	284	129364	21.59	ng/ul	96
68) Atrazine	16.89	200	132421	22.52	ng/ul	99
69) Pentachlorophenol	17.09	266	81689	20.61	ng/ul	92
70) Phenanthrene	17.49	178	578298	20.36	ng/ul	97
72) Anthracene	17.57	178	593235	20.51	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	175953	24.34	ng/uL	96
74) Pentachlorobenzene	15.02	250	162422	23.63	ng/uL	86
75) Carbazole	17.84	167	549741	21.64	ng/ul	99
76) Di-n-butylphthalate	18.40	149	671768	20.28	ng/ul	99
77) Fluoranthene	19.49	202	622363	20.57	ng/ul	96
80) Pyrene	19.85	202	639225	20.54	ng/ul	99
81) Butylbenzylphthalate	20.73	149	291038	22.00	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.60	252	201653	20.99	ng/ul#	97
83) Benzo(a)anthracene	21.69	228	600844	20.98	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	412155	21.97	ng/ul	98
85) Chrysene	21.76	228	557580	20.79	ng/ul	98
87) Di-n-octyl phthalate	22.83	149	730282	23.76	ng/ul	100
88) Benzo(b)fluoranthene	23.93	252	615443	20.63	ng/ul	98
89) Benzo(k)fluoranthene	24.00	252	593559	20.55	ng/ul#	94
91) Benzo(a)pyrene	24.81	252	583574	20.57	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	28.68	276	618741	18.81	ng/ul	98
93) Dibenzo(a,h)anthracene	28.74	278	541420	19.84	ng/ul	96
94) Benzo(g,h,i)perylene	29.84	276	461616	16.77	ng/ul	96

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

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