Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081315\
Data File : BG018426.D
Acq On : 13 Aug 2015 14:08
Operator : UM/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02097

Manual Integrations APPROVED
MMDadoda
8/14/2015 3:06:43 PM

Quant Time: Aug 14 00:51:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 02:05:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	131148	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	583139	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	360664	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	872824	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	872429	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	878115	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	21869	7.37	ng/uL	0.00
5) Phenol-d5	7.17	99	244617	20.55	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.34	67	146494	19.86	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.55	132	182488	20.02	ng/ul	-0.01
13) 4-Methylphenol-d8	8.72	113	205649	20.56	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	97760	21.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	106096	22.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	206005	20.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	275275	24.79	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	631302	20.80	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	789760	20.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	123922	22.70	ng/ul	0.00
58) Fluorene-d10	15.64	176	558805	21.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	102924	23.97	ng/ul	-0.01
71) Anthracene-d10	17.49	188	866978	20.77	ng/ul	0.00
79) Pyrene-d10	19.77	212	935566	20.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	973613	20.89	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	24580	7.74	ng/uL#	80
4) Benzaldehyde	7.15	77	159393	22.83	ng/ul	98
6) Phenol	7.20	94	246876	20.33	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.43	93	193429	20.71	ng/ul	94
10) 2-Chlorophenol	7.58	128	189160	20.36	ng/ul	96
11) 2-Methylphenol	8.45	108	195720	20.79	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.55	45	259157	17.29	ng/ul#	96
14) Acetophenone	8.83	105	308386	21.35	ng/ul#	97
15) N-Nitroso-di-n-propylamine	8.82	70	169636	20.46	ng/ul	90
16) 4-Methylphenol	8.78	108	217246	21.15	ng/ul	99
17) Hexachloroethane	9.10	117	77022	19.23	ng/ul	96
20) Nitrobenzene	9.22	77	231944	20.22	ng/ul	93
21) Isophorone	9.74	82	455691	20.65	ng/ul	99
23) 2-Nitrophenol	9.93	139	114343	22.24	ng/ul	89
24) 2,4-Dimethylphenol	9.99	107	236711	20.55	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.23	93	278788	20.27	ng/ul	93
27) 2,4-Dichlorophenol	10.47	162	192260	20.89	ng/ul	94
28) Naphthalene	10.87	128	633177	20.54	ng/ul	99
30) 4-Chloroaniline	10.98	127	281509	24.92	ng/ul	95
31) Hexachlorobutadiene	11.16	225	119107	20.49	ng/ul	95
32) Caprolactam	11.72	113	83799m	22.60	ng/ul	
33) 4-Chloro-3-methylphenol	12.10	107	230469	21.61	ng/ul	95
34) 2-Methylnaphthalene	12.48	142	469125	21.02	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	466071	21.38	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.85	216	235225	20.34	ng/ul	97
38) Hexachlorocyclopentadiene	12.82	237	145169	21.09	ng/ul	92
39) 2,4,6-Trichlorophenol	13.08	196	168397	21.38	ng/ul	98
40) 2,4,5-Trichlorophenol	13.15	196	180996	21.37	ng/ul	99
41) 1,1'-Biphenyl	13.48	154	626682	20.82	ng/ul	97
42) 2-Chloronaphthalene	13.52	162	474022	20.27	ng/ul	98
43) 2-Nitroaniline	13.72	65	156802	20.77	ng/ul	85
45) Dimethylphthalate	14.10	163	611046	20.41	ng/ul	97
46) 2,6-Dinitrotoluene	14.22	165	136851	22.96	ng/ul#	89
48) Acenaphthylene	14.37	152	794354	20.73	ng/ul	98
49) 3-Nitroaniline	14.55	138	147906	24.32	ng/ul	92
50) Acenaphthene	14.71	153	554960	20.64	ng/ul	98
51) 2,4-Dinitrophenol	14.75	184	64877	22.32	ng/ul	90
53) 4-Nitrophenol	14.85	109	97762	20.60	ng/ul	96
54) Dibenzofuran	15.04	168	728976	20.75	ng/ul	99
55) 2,4-Dinitrotoluene	15.00	165	196332	23.08	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.27	232	160946	21.81	ng/ul#	97
57) Diethylphthalate	15.46	149	655289	20.61	ng/ul	98
59) Fluorene	15.70	166	633639	20.97	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.69	204	303927	21.25	ng/ul	98
61) 4-Nitroaniline	15.71	138	148001	22.04	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.77	198	109460	23.90	ng/ul#	92
65) N-Nitrosodiphenylamine	15.90	169	547013	20.83	ng/ul	95
66) 4-Bromophenyl-phenylether	16.58	248	196547	20.82	ng/ul	98
67) Hexachlorobenzene	16.70	284	210000	21.04	ng/ul	98
68) Atrazine	16.84	200	227790	23.18	ng/ul	99
69) Pentachlorophenol	17.04	266	133781	20.01	ng/ul	93
70) Phenanthrene	17.44	178	985507	20.81	ng/ul	99
72) Anthracene	17.52	178	995130	20.62	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.45	216	257746	21.34	ng/uL	97
74) Pentachlorobenzene	14.97	250	240226	20.83	ng/uL	90
75) Carbazole	17.79	167	968637	22.89	ng/ul	99
76) Di-n-butylphthalate	18.35	149	1159212	20.97	ng/ul	98
77) Fluoranthene	19.44	202	1177704	23.29	ng/ul	99
80) Pyrene	19.80	202	1191560	20.20	ng/ul	99
81) Butylbenzylphthalate	20.69	149	519669	20.82	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.55	252	425061	23.46	ng/ul	97
83) Benzo(a)anthracene	21.64	228	1114793	20.61	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	735777	20.87	ng/ul	98
85) Chrysene	21.70	228	1035666	20.48	ng/ul	98
87) Di-n-octyl phthalate	22.76	149	1264851	22.32	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	1141606	20.69	ng/ul	99
89) Benzo(k)fluoranthene	23.90	252	1084041	20.41	ng/ul	99
91) Benzo(a)pyrene	24.71	252	1074852	20.49	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.51	276	1244268	20.50	ng/ul	95
93) Dibenzo(a,h)anthracene	28.58	278	1038245	20.59	ng/ul	97
94) Benzo(g,h,i)perylene	29.65	276	1041661	20.44	ng/ul	96

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

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