Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021317\
Data File : BG025843.D
Acq On : 13 Feb 2017 12:42
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Manual Integrations APPROVED
mohammad
2/13/2017 2:58:05 PM

Quant Time: Feb 13 14:41:39 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG021017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 10 22:04:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	94484	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	479411	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	356945	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	766146	20.00	ng/ul	0.00
77) Chrysene-d12	21.68	240	764646	20.00	ng/ul	0.00
85) Perylene-d12	24.89	264	758027	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	17127	8.10	ng/uL	0.00
5) Phenol-d5	7.23	99	182755	20.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	113685	20.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	141034	21.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	152929	20.76	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	66867	21.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	76293	22.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	150905	21.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	206840	22.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	536205	20.50	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	628529	20.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	106665	21.34	ng/ul	0.00
57) Fluorene-d10	15.68	176	468861	20.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	80692	20.64	ng/ul	0.00
70) Anthracene-d10	17.52	188	728382	20.95	ng/ul	0.00
78) Pyrene-d10	19.80	212	772564	21.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.67	264	692648	20.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	19937	8.95	ng/uL#	72
4) Benzaldehyde	7.22	77	120896	22.21	ng/ul	97
6) Phenol	7.26	94	191036	20.54	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.50	93	144629	20.91	ng/ul#	80
10) 2-Chlorophenol	7.65	128	135784	20.65	ng/ul#	89
11) 2-Methylphenol	8.51	108	146579	20.54	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.62	45	199790	20.54	ng/ul#	87
14) Acetophenone	8.90	105	233671	20.99	ng/ul#	97
15) N-Nitroso-di-n-propylamine	8.88	70	119461	21.44	ng/ul	95
16) 4-Methylphenol	8.84	108	166967	20.92	ng/ul	96
17) Hexachloroethane	9.18	117	48945	20.68	ng/ul	96
20) Nitrobenzene	9.28	77	158787	21.84	ng/ul	97
21) Isophorone	9.81	82	343670	21.06	ng/ul#	98
23) 2-Nitrophenol	9.99	139	82226	22.87	ng/ul#	89
24) 2,4-Dimethylphenol	10.05	107	176702	21.76	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.29	93	209620	20.89	ng/ul	98
27) 2,4-Dichlorophenol	10.53	162	147651	21.18	ng/ul	98
28) Naphthalene	10.94	128	495176	20.97	ng/ul	100
30) 4-Chloroaniline	11.03	127	199985	22.84	ng/ul	96
31) Hexachlorobutadiene	11.23	225	79919	20.04	ng/ul	94
32) Caprolactam	11.78	113	56506m	20.05	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	175504	21.72	ng/ul	94
34) 2-Methylnaphthalene	12.53	142	391887	21.12	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.90	216	176534	20.28	ng/ul	98
37) Hexachlorocyclopentadiene	12.89	237	99653	19.58	ng/ul	98
38) 2,4,6-Trichlorophenol	13.13	196	120398	21.14	ng/ul	99
39) 2,4,5-Trichlorophenol	13.20	196	133692	21.15	ng/ul	97
40) 1,1'-Biphenyl	13.53	154	524380	20.56	ng/ul	99
41) 2-Chloronaphthalene	13.57	162	375532	20.30	ng/ul	96
42) 2-Nitroaniline	13.76	65	114364	22.31	ng/ul	86
44) Dimethylphthalate	14.14	163	515507	20.40	ng/ul	98
45) 2,6-Dinitrotoluene	14.25	165	99791	22.71	ng/ul	98
47) Acenaphthylene	14.41	152	635600	20.67	ng/ul	97
48) 3-Nitroaniline	14.58	138	113124	22.76	ng/ul	98
49) Acenaphthene	14.75	153	446214	20.40	ng/ul	100
50) 2,4-Dinitrophenol	14.78	184	52190	20.91	ng/ul#	75
52) 4-Nitrophenol	14.87	109	65321	21.93	ng/ul#	55
53) Dibenzofuran	15.08	168	629555	20.39	ng/ul	94
54) 2,4-Dinitrotoluene	15.04	165	149313	23.23	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.31	232	126021	21.43	ng/ul	93
56) Diethylphthalate	15.50	149	545005	20.78	ng/ul	98
58) Fluorene	15.73	166	528587	20.54	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.72	204	241088	20.13	ng/ul	92
60) 4-Nitroaniline	15.74	138	129044	21.94	ng/ul#	78
63) 4,6-Dinitro-2-methylphenol	15.79	198	87348	20.84	ng/ul	92
64) N-Nitrosodiphenylamine	15.93	169	471257	21.29	ng/ul	98
65) 4-Bromophenyl-phenylether	16.61	248	159159	20.90	ng/ul	91
66) Hexachlorobenzene	16.73	284	168549	20.93	ng/ul	92
67) Atrazine	16.87	200	167973	21.02	ng/ul	99
68) Pentachlorophenol	17.07	266	103167	20.29	ng/ul	99
69) Phenanthrene	17.46	178	860563	20.87	ng/ul	98
71) Anthracene	17.56	178	877385	21.20	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.50	216	174110	20.77	ng/uL	97
73) Pentachlorobenzene	15.01	250	184805	21.02	ng/uL	96
74) Carbazole	17.82	167	819819	22.01	ng/ul	97
75) Di-n-butylphthalate	18.38	149	912088	21.42	ng/ul	99
76) Fluoranthene	19.46	202	961776	22.46	ng/ul#	95
79) Pyrene	19.82	202	972847	21.11	ng/ul	96
80) Butylbenzylphthalate	20.71	149	364956	21.40	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.57	252	307630	22.35	ng/ul	99
82) Benzo(a)anthracene	21.66	228	898088	20.88	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	549982	21.63	ng/ul#	97
84) Chrysene	21.72	228	868795	21.18	ng/ul	97
86) Di-n-octyl phthalate	22.79	149	915117	20.75	ng/ul	99
87) Benzo(b)fluoranthene	23.87	252	894079	20.29	ng/ul	99
88) Benzo(k)fluoranthene	23.94	252	868160	20.46	ng/ul	97
90) Benzo(a)pyrene	24.74	252	865983	20.53	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.54	276	1013081	20.34	ng/ul	94
92) Dibenzo(a,h)anthracene	28.61	278	847201	20.58	ng/ul	99
93) Benzo(g,h,i)perylene	29.69	276	840945	20.37	ng/ul	98

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

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