Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090115\
Data File : BG018556.D
Acq On : 1 Sep 2015 10:30
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02022

Manual Integrations APPROVED
MMDadoda
9/2/2015 2:05:51 PM

Quant Time: Sep 02 02:16:26 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 02 02:13:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	87921	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	385479	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	266596	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	689897	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	682959	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	689876	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	14707	7.39	ng/uL	0.00
5) Phenol-d5	7.17	99	160411	20.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	97234	19.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	119202	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	135057	20.14	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	64060	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	71157	23.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	147589	22.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	191081	26.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	488705	21.79	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	560519	19.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	90838	22.51	ng/ul	0.00
58) Fluorene-d10	15.63	176	409280	20.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	74526	21.96	ng/ul	0.00
71) Anthracene-d10	17.48	188	667223	20.22	ng/ul	0.00
79) Pyrene-d10	19.77	212	712997	20.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	748674	20.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	17473	8.20	ng/uL#	73
4) Benzaldehyde	7.14	77	107404	22.94	ng/ul	97
6) Phenol	7.20	94	168673	20.72	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.43	93	123815	19.78	ng/ul	99
10) 2-Chlorophenol	7.57	128	121848	19.56	ng/ul	94
11) 2-Methylphenol	8.45	108	129660	20.54	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.54	45	160450	15.96	ng/ul#	95
14) Acetophenone	8.83	105	208793	21.56	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.81	70	109242	19.66	ng/ul#	86
16) 4-Methylphenol	8.78	108	144623	21.00	ng/ul	95
17) Hexachloroethane	9.10	117	48748	18.16	ng/ul#	83
20) Nitrobenzene	9.21	77	152686	20.14	ng/ul	92
21) Isophorone	9.74	82	314882	21.59	ng/ul	98
23) 2-Nitrophenol	9.92	139	74226	21.84	ng/ul	93
24) 2,4-Dimethylphenol	9.98	107	156191	20.51	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.22	93	183413	20.17	ng/ul	97
27) 2,4-Dichlorophenol	10.46	162	135706	22.30	ng/ul	98
28) Naphthalene	10.86	128	420422	20.63	ng/ul	99
30) 4-Chloroaniline	10.97	127	184004	24.65	ng/ul	99
31) Hexachlorobutadiene	11.15	225	76401	19.88	ng/ul	93
32) Caprolactam	11.73	113	66278m	27.04	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	157459	22.33	ng/ul	99
34) 2-Methylnaphthalene	12.47	142	317439	21.51	ng/ul	94

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35) 1-Methylnaphthalene	12.69	142	311511	21.62	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	169781	19.86	ng/ul	96
38) Hexachlorocyclopentadiene	12.82	237	87736	17.24	ng/ul	94
39) 2,4,6-Trichlorophenol	13.07	196	119720	20.56	ng/ul	100
40) 2,4,5-Trichlorophenol	13.15	196	133672	21.35	ng/ul	98
41) 1,1'-Biphenyl	13.47	154	432237	19.43	ng/ul	98
42) 2-Chloronaphthalene	13.51	162	331189	19.16	ng/ul	97
43) 2-Nitroaniline	13.71	65	107053	19.19	ng/ul	83
45) Dimethylphthalate	14.09	163	465581	21.04	ng/ul	100
46) 2,6-Dinitrotoluene	14.21	165	99233	22.52	ng/ul	90
48) Acenaphthylene	14.36	152	576014	20.33	ng/ul	99
49) 3-Nitroaniline	14.54	138	115317	25.66	ng/ul#	85
50) Acenaphthene	14.70	153	397266	19.99	ng/ul	98
51) 2,4-Dinitrophenol	14.74	184	39516	18.39	ng/ul	83
53) 4-Nitrophenol	14.85	109	64670	18.44	ng/ul	92
54) Dibenzofuran	15.04	168	544900	20.98	ng/ul	96
55) 2,4-Dinitrotoluene	14.99	165	148099	23.55	ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.26	232	127080	23.30	ng/ul#	93
57) Diethylphthalate	15.45	149	493861	21.01	ng/ul	98
59) Fluorene	15.69	166	470310	21.05	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.68	204	220217	20.83	ng/ul	96
61) 4-Nitroaniline	15.70	138	119017	23.97	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.76	198	76323	21.09	ng/ul	91
65) N-Nitrosodiphenylamine	15.89	169	414083	19.95	ng/ul	96
66) 4-Bromophenyl-phenylether	16.57	248	144614	19.38	ng/ul	94
67) Hexachlorobenzene	16.69	284	156863	19.88	ng/ul	94
68) Atrazine	16.83	200	170432	21.94	ng/ul	96
69) Pentachlorophenol	17.03	266	96783	18.32	ng/ul	95
70) Phenanthrene	17.43	178	758108	20.25	ng/ul	98
72) Anthracene	17.51	178	778688	20.41	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	174018	18.23	ng/uL	97
74) Pentachlorobenzene	14.96	250	173817	19.07	ng/uL	93
75) Carbazole	17.78	167	741657	22.18	ng/ul	99
76) Di-n-butylphthalate	18.34	149	856366	19.60	ng/ul	98
77) Fluoranthene	19.43	202	910399	22.77	ng/ul	99
80) Pyrene	19.79	202	913000	19.77	ng/ul	99
81) Butylbenzylphthalate	20.68	149	373831	19.14	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.54	252	298849	21.07	ng/ul	96
83) Benzo(a)anthracene	21.63	228	844502	19.94	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	548647	19.88	ng/ul	98
85) Chrysene	21.69	228	782296	19.76	ng/ul	97
87) Di-n-octyl phthalate	22.74	149	928286	20.85	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	869965	20.07	ng/ul	100
89) Benzo(k)fluoranthene	23.90	252	828960	19.86	ng/ul	98
91) Benzo(a)pyrene	24.69	252	828466	20.10	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.47	276	957626m	20.08	ng/ul	
93) Dibenzo(a,h)anthracene	28.55	278	780629	19.71	ng/ul	96
94) Benzo(g,h,i)perylene	29.63	276	795280	19.86	ng/ul	98

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

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