Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025109.D
Acq On : 11 Dec 2016 18:49
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02030

Manual Integrations APPROVED
Sohil
12/12/2016 4:30:28 PM

Quant Time: Dec 12 10:20:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 08:16:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	103378	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	456703	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	388409	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	811162	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	957791	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	975531	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	14680	7.33	ng/uL	0.00
5) Phenol-d5	7.39	99	192246	21.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	110474	20.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	133492	21.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	151384	20.31	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	69154	21.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	78549	19.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	161611	20.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	188426	24.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	499502	18.70	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	584806	19.98	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	89871	19.57	ng/ul	0.00
57) Fluorene-d10	15.85	176	488020	19.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	105433	21.02	ng/ul	0.00
70) Anthracene-d10	17.70	188	697460	20.37	ng/ul	0.00
76) Pyrene-d10	19.98	212	784867	19.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	823206	20.83	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	17832	6.84	ng/uL	94
4) Benzaldehyde	7.37	77	147309	21.94	ng/ul	95
6) Phenol	7.42	94	201937	22.06	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.64	93	134610	20.10	ng/ul	94
10) 2-Chlorophenol	7.80	128	134183	21.40	ng/ul	91
11) 2-Methylphenol	8.68	108	139419	20.69	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.77	45	230658	20.25	ng/ul	99
14) Acetophenone	9.07	105	216820	19.12	ng/ul#	94
15) N-Nitroso-di-n-propylamine	9.04	70	127218	19.42	ng/ul	87
16) 4-Methylphenol	9.01	108	154193	20.56	ng/ul	96
17) Hexachloroethane	9.32	117	56494	20.34	ng/ul#	81
20) Nitrobenzene	9.46	77	199611	20.09	ng/ul	100
21) Isophorone	9.98	82	353534	18.80	ng/ul	98
23) 2-Nitrophenol	10.18	139	83239	20.35	ng/ul	93
24) 2,4-Dimethylphenol	10.22	107	195885	20.94	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.45	93	193139	20.15	ng/ul	94
27) 2,4-Dichlorophenol	10.71	162	165384	21.97	ng/ul	98
28) Naphthalene	11.12	128	428276	20.17	ng/ul	97
30) 4-Chloroaniline	11.23	127	188494	24.20	ng/ul	97
31) Hexachlorobutadiene	11.38	225	126499	19.55	ng/ul#	90
32) Caprolactam	11.99	113	57831	18.50	ng/ul	89
33) 4-Chloro-3-methylphenol	12.33	107	197328	21.27	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	335716	20.04	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.06	216	237451	20.28	ng/ul#	96
37) Hexachlorocyclopentadiene	13.03	237	101777	14.81	ng/ul	99
38) 2,4,6-Trichlorophenol	13.30	196	153066	20.81	ng/ul	86
39) 2,4,5-Trichlorophenol	13.38	196	171804	21.32	ng/ul	97
40) 1,1'-Biphenyl	13.70	154	464576	19.73	ng/ul	99
41) 2-Chloronaphthalene	13.74	162	374074	19.96	ng/ul	97
42) 2-Nitroaniline	13.95	65	156384	21.31	ng/ul	98
44) Dimethylphthalate	14.30	163	497672	18.95	ng/ul	97
45) 2,6-Dinitrotoluene	14.44	165	109124	19.34	ng/ul	96
47) Acenaphthylene	14.59	152	558835	19.64	ng/ul	98
48) 3-Nitroaniline	14.77	138	109536	22.42	ng/ul#	99
49) Acenaphthene	14.92	153	393708	20.20	ng/ul	97
50) 2,4-Dinitrophenol	14.98	184	76571	20.89	ng/ul#	82
52) 4-Nitrophenol	15.08	109	113089	20.48	ng/ul	94
53) Dibenzofuran	15.25	168	610825	19.81	ng/ul	100
54) 2,4-Dinitrotoluene	15.22	165	166558	19.59	ng/ul	85
55) 2,3,4,6-Tetrachlorophenol	15.48	232	177443	20.83	ng/ul#	91
56) Diethylphthalate	15.65	149	518575	18.65	ng/ul	99
58) Fluorene	15.91	166	479475	19.11	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.89	204	271637	19.22	ng/ul#	83
60) 4-Nitroaniline	15.93	138	102326	17.36	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.98	198	113542	21.86	ng/ul#	91
64) N-Nitrosodiphenylamine	16.10	169	450140	21.57	ng/ul	97
65) 4-Bromophenyl-phenylether	16.78	248	193877	21.16	ng/ul	94
66) Hexachlorobenzene	16.90	284	222469	21.57	ng/ul	95
67) Atrazine	17.04	200	194781	19.63	ng/ul	96
68) Pentachlorophenol	17.25	266	135748	21.91	ng/ul	93
69) Phenanthrene	17.64	178	787454	20.34	ng/ul	98
71) Anthracene	17.74	178	809222	20.33	ng/ul	99
72) Carbazole	18.01	167	667280	20.09	ng/ul	97
73) Di-n-butylphthalate	18.53	149	818978	19.53	ng/ul	99
74) Fluoranthene	19.64	202	901841	19.60	ng/ul	97
77) Pyrene	20.01	202	914965	19.87	ng/ul	97
78) Butylbenzylphthalate	20.86	149	374157	20.76	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.78	252	382140	22.89	ng/ul	93
80) Benzo(a)anthracene	21.87	228	1008423	20.26	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.73	149	529890	21.36	ng/ul	100
82) Chrysene	21.95	228	936378	20.12	ng/ul	99
84) Di-n-octyl phthalate	22.99	149	875856	22.11	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	982066	20.30	ng/ul	99
86) Benzo(k)fluoranthene	24.29	252	944837	20.55	ng/ul	98
88) Benzo(a)pyrene	25.15	252	960633	20.65	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.24	276	1182543m	20.46	ng/ul	
90) Dibenzo(a,h)anthracene	29.30	278	1001842m	20.57	ng/ul	
91) Benzo(g,h,i)perylene	30.48	276	960289m	19.91	ng/ul	

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

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