Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
Data File : BG022042.D
Acq On : 23 May 2016 10:55
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02013

Manual Integrations APPROVED
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5/24/2016 7:36:52 PM

Quant Time: May 24 05:57:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 17:16:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39366	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	195578	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	105431	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	214116	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	195351	20.00	ng/ul	0.00
83) Perylene-d12	25.15	264	174256	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	6185	8.19	ng/uL	0.00
5) Phenol-d5	7.31	99	70442	19.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	38020	20.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	62191	20.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	60193	19.95	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	30580	21.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	30849	19.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	57431	20.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	68996	22.98	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	162373	20.50	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	229352	20.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	26029	19.09	ng/ul	0.00
57) Fluorene-d10	15.77	176	152163	20.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	19509	17.43	ng/ul	0.00
70) Anthracene-d10	17.63	188	207988	20.24	ng/ul	0.00
76) Pyrene-d10	19.91	212	217345	19.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.91	264	173939	21.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	12410	9.06	ng/uL	99
4) Benzaldehyde	7.30	77	43578	22.23	ng/ul	98
6) Phenol	7.34	94	71069	19.84	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.57	93	54126	20.68	ng/ul	93
10) 2-Chlorophenol	7.72	128	60791	20.74	ng/ul	94
11) 2-Methylphenol	8.60	108	56724	19.83	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.69	45	62624	20.03	ng/ul	98
14) Acetophenone	8.98	105	84760	20.08	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.96	70	43468	19.96	ng/ul	97
16) 4-Methylphenol	8.92	108	62150	20.15	ng/ul	95
17) Hexachloroethane	9.25	117	23931	20.49	ng/ul	96
20) Nitrobenzene	9.37	77	62245	21.32	ng/ul	98
21) Isophorone	9.89	82	127444	20.48	ng/ul	99
23) 2-Nitrophenol	10.08	139	34352	21.03	ng/ul	99
24) 2,4-Dimethylphenol	10.13	107	64648	20.51	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.37	93	73901	20.69	ng/ul	99
27) 2,4-Dichlorophenol	10.62	162	56439	20.86	ng/ul	98
28) Naphthalene	11.03	128	205783	20.75	ng/ul	98
30) 4-Chloroaniline	11.14	127	72913	24.17	ng/ul	94
31) Hexachlorobutadiene	11.30	225	31822	19.95	ng/ul	98
32) Caprolactam	11.89	113	21325	19.67	ng/ul	98
33) 4-Chloro-3-methylphenol	12.25	107	58932	20.46	ng/ul	97
34) 2-Methylnaphthalene	12.63	142	145032	20.46	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	64364	20.58	ng/ul	95
37) Hexachlorocyclopentadiene	12.96	237	18357	13.63	ng/ul	95
38) 2,4,6-Trichlorophenol	13.22	196	42610	20.18	ng/ul	97
39) 2,4,5-Trichlorophenol	13.30	196	46711	20.84	ng/ul	98
40) 1,1'-Biphenyl	13.62	154	182165	20.98	ng/ul	98
41) 2-Chloronaphthalene	13.67	162	138300	20.74	ng/ul	99
42) 2-Nitroaniline	13.87	65	29278	19.48	ng/ul	95
44) Dimethylphthalate	14.22	163	163606	20.56	ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	34837	20.41	ng/ul	96
47) Acenaphthylene	14.51	152	230702	20.48	ng/ul	99
48) 3-Nitroaniline	14.69	138	32257	19.72	ng/ul	91
49) Acenaphthene	14.85	153	157568	20.25	ng/ul	99
50) 2,4-Dinitrophenol	14.90	184	9226	13.96	ng/ul	97
52) 4-Nitrophenol	15.00	109	14307	18.61	ng/ul	97
53) Dibenzofuran	15.18	168	200822	20.87	ng/ul	96
54) 2,4-Dinitrotoluene	15.14	165	47126	20.48	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	15.40	232	35491	20.02	ng/ul	97
56) Diethylphthalate	15.58	149	169869	20.57	ng/ul	99
58) Fluorene	15.83	166	168216	20.71	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.82	204	75542	20.65	ng/ul	95
60) 4-Nitroaniline	15.85	138	32122	17.89	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.90	198	21096	18.21	ng/ul	97
64) N-Nitrosodiphenylamine	16.03	169	137775	20.35	ng/ul	98
65) 4-Bromophenyl-phenylether	16.71	248	42914	19.83	ng/ul	95
66) Hexachlorobenzene	16.83	284	50346	20.04	ng/ul	99
67) Atrazine	16.97	200	47419	20.34	ng/ul	98
68) Pentachlorophenol	17.18	266	22518	17.22	ng/ul	97
69) Phenanthrene	17.57	178	245388	20.60	ng/ul	99
71) Anthracene	17.66	178	242271	20.08	ng/ul	98
72) Carbazole	17.93	167	216554	20.71	ng/ul	99
73) Di-n-butylphthalate	18.47	149	290936	20.77	ng/ul	99
74) Fluoranthene	19.57	202	264029	21.69	ng/ul	99
77) Pyrene	19.93	202	267962	19.49	ng/ul	98
78) Butylbenzylphthalate	20.80	149	129437	19.87	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.70	252	79125	21.55	ng/ul	99
80) Benzo(a)anthracene	21.79	228	227807	19.88	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.67	149	184907	19.95	ng/ul	98
82) Chrysene	21.86	228	220077	20.03	ng/ul	99
84) Di-n-octyl phthalate	22.92	149	314241	22.13	ng/ul	100
85) Benzo(b)fluoranthene	24.08	252	215482	21.13	ng/ul	97
86) Benzo(k)fluoranthene	24.15	252	222792	22.45	ng/ul	96
88) Benzo(a)pyrene	24.99	252	206294	20.97	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.96	276	195919	17.37	ng/ul	96
90) Dibenzo(a,h)anthracene	29.02	278	168791	17.88	ng/ul	97
91) Benzo(g,h,i)perylene	30.16	276	151375m	16.75	ng/ul	

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

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