Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022008.D
Acq On : 22 May 2016 12:01
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02009

Quant Time: May 23 17:37:15 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	37233	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	185314	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	101834	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	206929	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	185154	20.00	ng/ul	0.00
83) Perylene-d12	25.14	264	171241	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	6370	8.91	ng/uL	0.00
5) Phenol-d5	7.31	99	66999	19.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	35759	20.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	56855	20.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	55536	19.47	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	28969	21.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	28967	19.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	54864	21.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	65827	23.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	156412	20.45	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	219482	20.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	21918	16.64	ng/ul	0.00
57) Fluorene-d10	15.77	176	148639	20.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	19466	18.00	ng/ul	0.00
70) Anthracene-d10	17.63	188	201427	20.28	ng/ul	0.00
76) Pyrene-d10	19.90	212	206898	19.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.91	264	167025	21.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	11521	8.89	ng/uL	96
4) Benzaldehyde	7.30	77	41460	22.36	ng/ul	97
6) Phenol	7.33	94	66961	19.76	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.57	93	51072	20.63	ng/ul	94
10) 2-Chlorophenol	7.72	128	56856	20.51	ng/ul	95
11) 2-Methylphenol	8.60	108	52229	19.30	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.69	45	59184	20.01	ng/ul	98
14) Acetophenone	8.99	105	79778	19.99	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.96	70	41588	20.19	ng/ul	97
16) 4-Methylphenol	8.92	108	58390	20.01	ng/ul	97
17) Hexachloroethane	9.25	117	22034	19.94	ng/ul	89
20) Nitrobenzene	9.37	77	57617	20.83	ng/ul	97
21) Isophorone	9.89	82	121809	20.65	ng/ul	98
23) 2-Nitrophenol	10.08	139	31412	20.30	ng/ul	98
24) 2,4-Dimethylphenol	10.14	107	61983	20.75	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.37	93	70573	20.85	ng/ul	98
27) 2,4-Dichlorophenol	10.62	162	53030	20.69	ng/ul	99
28) Naphthalene	11.03	128	193609	20.61	ng/ul	99
30) 4-Chloroaniline	11.14	127	67350	23.56	ng/ul	99
31) Hexachlorobutadiene	11.31	225	30180	19.97	ng/ul	95
32) Caprolactam	11.88	113	20648	20.10	ng/ul	96
33) 4-Chloro-3-methylphenol	12.25	107	55556	20.35	ng/ul	98
34) 2-Methylnaphthalene	12.62	142	136297	20.29	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	60824	20.14	ng/ul	99
37) Hexachlorocyclopentadiene	12.96	237	24765	19.03	ng/ul	98
38) 2,4,6-Trichlorophenol	13.22	196	40449	19.83	ng/ul	95
39) 2,4,5-Trichlorophenol	13.30	196	44880	20.73	ng/ul	91
40) 1,1'-Biphenyl	13.62	154	172094	20.52	ng/ul	99
41) 2-Chloronaphthalene	13.67	162	132663	20.60	ng/ul	99
42) 2-Nitroaniline	13.87	65	27848	19.18	ng/ul	100
44) Dimethylphthalate	14.23	163	159301	20.73	ng/ul	98
45) 2,6-Dinitrotoluene	14.36	165	34920	21.18	ng/ul	93
47) Acenaphthylene	14.51	152	227188	20.88	ng/ul	98
48) 3-Nitroaniline	14.69	138	33047	20.92	ng/ul	89
49) Acenaphthene	14.85	153	154635	20.57	ng/ul	97
50) 2,4-Dinitrophenol	14.90	184	9217	14.44	ng/ul	93
52) 4-Nitrophenol	15.00	109	13636	18.36	ng/ul	90
53) Dibenzofuran	15.18	168	191873	20.65	ng/ul	93
54) 2,4-Dinitrotoluene	15.14	165	45312	20.38	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.41	232	34159	19.95	ng/ul	97
56) Diethylphthalate	15.58	149	165281	20.72	ng/ul	99
58) Fluorene	15.83	166	163574	20.85	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.81	204	72280	20.45	ng/ul	97
60) 4-Nitroaniline	15.85	138	32668	18.84	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.91	198	20230	18.07	ng/ul	97
64) N-Nitrosodiphenylamine	16.02	169	133687	20.43	ng/ul	99
65) 4-Bromophenyl-phenylether	16.71	248	42513	20.33	ng/ul	95
66) Hexachlorobenzene	16.83	284	48822	20.11	ng/ul	97
67) Atrazine	16.97	200	45533	20.20	ng/ul	97
68) Pentachlorophenol	17.18	266	21629	17.11	ng/ul	98
69) Phenanthrene	17.57	178	236756	20.57	ng/ul	99
71) Anthracene	17.66	178	240895	20.66	ng/ul	98
72) Carbazole	17.93	167	207893	20.57	ng/ul	99
73) Di-n-butylphthalate	18.47	149	281286	20.77	ng/ul	99
74) Fluoranthene	19.57	202	254863	21.67	ng/ul	99
77) Pyrene	19.93	202	257076	19.73	ng/ul	99
78) Butylbenzylphthalate	20.80	149	124311	20.13	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.70	252	70637	20.30	ng/ul	99
80) Benzo(a)anthracene	21.79	228	220126	20.27	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.67	149	180092	20.50	ng/ul	97
82) Chrysene	21.86	228	205418	19.72	ng/ul	98
84) Di-n-octyl phthalate	22.92	149	299545	21.47	ng/ul	100
85) Benzo(b)fluoranthene	24.07	252	208669	20.82	ng/ul	98
86) Benzo(k)fluoranthene	24.14	252	201467	20.66	ng/ul	96
88) Benzo(a)pyrene	24.98	252	196584	20.33	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.96	276	222787	20.10	ng/ul	96
90) Dibenzo(a,h)anthracene	29.01	278	183058	19.73	ng/ul	99
91) Benzo(g,h,i)perylene	30.14	276	175643	19.78	ng/ul	97

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

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