Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060116\
Data File : BG022137.D
Acq On : 1 Jun 2016 11:44
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02026

Manual Integrations APPROVED
sohil
6/2/2016 5:26:46 PM

Quant Time: Jun 02 01:09:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 01 01:07:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	36150	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	181970	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.76	164	110619	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	249626	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	241285	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	219251	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	5299	7.64	ng/uL	0.00
5) Phenol-d5	7.30	99	56543	17.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	28786	16.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	48937	17.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	48916	17.66	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	24153	18.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.03	143	27510	18.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	48365	18.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	61117	21.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	160931	19.37	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	208492	17.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	23088	16.14	ng/ul	0.00
57) Fluorene-d10	15.75	176	147320	18.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	22000	16.86	ng/ul	0.00
70) Anthracene-d10	17.61	188	219639m	18.33	ng/ul	0.00
76) Pyrene-d10	19.89	212	226064	16.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	187811	18.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	9668	7.69	ng/uL	98
4) Benzaldehyde	7.27	77	22371	12.43	ng/ul	97
6) Phenol	7.33	94	55921	17.00	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.54	93	44017	18.32	ng/ul	94
10) 2-Chlorophenol	7.70	128	48347	17.96	ng/ul	92
11) 2-Methylphenol	8.58	108	45759	17.42	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.67	45	46536	16.21	ng/ul#	91
14) Acetophenone	8.96	105	70845	18.28	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.94	70	35954	17.97	ng/ul	97
16) 4-Methylphenol	8.91	108	50283	17.75	ng/ul	97
17) Hexachloroethane	9.22	117	18904	17.62	ng/ul	97
20) Nitrobenzene	9.35	77	47844	17.61	ng/ul	93
21) Isophorone	9.86	82	107130	18.50	ng/ul	98
23) 2-Nitrophenol	10.06	139	28278	18.61	ng/ul	95
24) 2,4-Dimethylphenol	10.12	107	52603	17.94	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.35	93	62709	18.87	ng/ul	98
27) 2,4-Dichlorophenol	10.60	162	47976	19.06	ng/ul	97
28) Naphthalene	11.00	128	168411	18.25	ng/ul	99
30) 4-Chloroaniline	11.11	127	62766	22.36	ng/ul	91
31) Hexachlorobutadiene	11.27	225	26406	17.80	ng/ul	92
32) Caprolactam	11.87	113	20136	19.96	ng/ul	95
33) 4-Chloro-3-methylphenol	12.24	107	49989	18.65	ng/ul	99
34) 2-Methylnaphthalene	12.60	142	121083	18.36	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.96	216	55508	16.92	ng/ul	93
37) Hexachlorocyclopentadiene	12.94	237	26484	18.74	ng/ul	96
38) 2,4,6-Trichlorophenol	13.21	196	37491	16.92	ng/ul	98
39) 2,4,5-Trichlorophenol	13.28	196	42222	17.96	ng/ul	96
40) 1,1'-Biphenyl	13.60	154	158592	17.41	ng/ul	97
41) 2-Chloronaphthalene	13.65	162	122451	17.50	ng/ul	95
42) 2-Nitroaniline	13.85	65	25692m	16.29	ng/ul	
44) Dimethylphthalate	14.21	163	159153	19.06	ng/ul	99
45) 2,6-Dinitrotoluene	14.34	165	35010	19.55	ng/ul	93
47) Acenaphthylene	14.49	152	210547	17.81	ng/ul	99
48) 3-Nitroaniline	14.68	138	28297	16.49	ng/ul#	92
49) Acenaphthene	14.83	153	145346	17.80	ng/ul	99
50) 2,4-Dinitrophenol	14.89	184	10660	15.37	ng/ul#	83
52) 4-Nitrophenol	14.99	109	12473	15.46	ng/ul	89
53) Dibenzofuran	15.16	168	189570	18.78	ng/ul	96
54) 2,4-Dinitrotoluene	15.13	165	47472	19.66	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.39	232	32979	17.73	ng/ul	98
56) Diethylphthalate	15.56	149	167889	19.38	ng/ul	99
58) Fluorene	15.80	166	163301	19.16	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.79	204	73296	19.10	ng/ul	99
60) 4-Nitroaniline	15.84	138	25039	13.29	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.89	198	22783	16.87	ng/ul#	99
64) N-Nitrosodiphenylamine	16.01	169	134685	17.06	ng/ul	97
65) 4-Bromophenyl-phenylether	16.69	248	43952	17.42	ng/ul	94
66) Hexachlorobenzene	16.81	284	52116	17.79	ng/ul	97
67) Atrazine	16.95	200	49224	18.11	ng/ul	99
68) Pentachlorophenol	17.16	266	18474m	12.12	ng/ul	
69) Phenanthrene	17.55	178	251271	18.10	ng/ul	98
71) Anthracene	17.64	178	248794	17.69	ng/ul	99
72) Carbazole	17.91	167	219882	18.04	ng/ul	99
73) Di-n-butylphthalate	18.45	149	298221	18.26	ng/ul	99
74) Fluoranthene	19.55	202	278091	19.60	ng/ul	97
77) Pyrene	19.91	202	276197	16.27	ng/ul	99
78) Butylbenzylphthalate	20.78	149	131851	16.39	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.67	252	80281	17.70	ng/ul	99
80) Benzo(a)anthracene	21.77	228	245880	17.38	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.64	149	192187	16.78	ng/ul	99
82) Chrysene	21.83	228	239412	17.64	ng/ul	99
84) Di-n-octyl phthalate	22.88	149	320383	17.93	ng/ul	100
85) Benzo(b)fluoranthene	24.04	252	243773	19.00	ng/ul	98
86) Benzo(k)fluoranthene	24.11	252	222939	17.85	ng/ul	96
88) Benzo(a)pyrene	24.95	252	225782	18.24	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.89	276	260501	18.35	ng/ul	98
90) Dibenzo(a,h)anthracene	28.95	278	212800	17.92	ng/ul	96
91) Benzo(g,h,i)perylene	30.07	276	219787	19.33	ng/ul	97

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

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