Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021804.D
Acq On : 9 May 2016 11:55
Operator : UM/SJ
Sample : SSTD04010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 09 13:40:52 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:51:39 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD04010

Manual Integrations APPROVED
umangi
5/10/2016 7:02:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	63768	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	327720	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	204736	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	459239	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	489912	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	460195	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	19691m	13.85	ng/uL	0.00
5) Phenol-d5	7.33	99	197658	32.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	96232	26.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	164019	35.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	166091	32.17	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	98294	39.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	64595	22.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	170692	33.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	165304	25.17	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	588647	34.53	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	796226	37.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	102465	37.60	ng/ul	0.00
58) Fluorene-d10	15.79	176	561203	36.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	50272	16.57	ng/ul	0.00
71) Anthracene-d10	17.65	188	837739	37.23	ng/ul	0.00
77) Pyrene-d10	19.92	212	884064	38.70	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	871423	41.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	35085	18.28	ng/uL#	66
4) Benzaldehyde	7.34	77	23452m	6.38	ng/ul	
6) Phenol	7.36	94	199403	31.28	ng/ul#	71
8) Bis(2-Chloroethyl)ether	7.60	93	158456m	34.34	ng/ul	
10) 2-Chlorophenol	7.74	128	170059	36.14	ng/ul#	74
11) 2-Methylphenol	8.62	108	158557	32.33	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.72	45	141659	25.45	ng/ul#	83
14) Acetophenone	9.02	105	262294	31.13	ng/ul#	68
15) N-Nitroso-di-n-propylamine	8.99	70	119906	25.67	ng/ul#	75
16) 4-Methylphenol	8.95	108	180574	32.45	ng/ul	90
17) Hexachloroethane	9.28	117	63904	32.36	ng/ul	93
20) Nitrobenzene	9.39	77	166037	23.91	ng/ul#	71
21) Isophorone	9.92	82	379295	28.33	ng/ul#	87
23) 2-Nitrophenol	10.11	139	77073	24.84	ng/ul#	56
24) 2,4-Dimethylphenol	10.16	107	179505	25.64	ng/ul#	65
25) Bis(2-Chloroethoxy)methane	10.40	93	234668	33.65	ng/ul#	95
27) 2,4-Dichlorophenol	10.65	162	176718m	33.87	ng/ul	
28) Naphthalene	11.06	128	637568	36.69	ng/ul	99
30) 4-Chloroaniline	11.16	127	161008	23.36	ng/ul	94
31) Hexachlorobutadiene	11.33	225	100981	26.28	ng/ul	98
32) Caprolactam	11.93	113	68852m	35.14	ng/ul	
33) 4-Chloro-3-methylphenol	12.27	107	174785m	27.44	ng/ul	
34) 2-Methylnaphthalene	12.65	142	469515	36.41	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021804.D
Acq On : 9 May 2016 11:55
Operator : UM/SJ
Sample : SSTD04010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD04010

Manual Integrations APPROVED
umangi
5/10/2016 7:02:19 PM

Quant Time: May 09 13:40:52 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:51:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.86	142	467790	37.39	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	232626	32.46	ng/ul#	92
38) Hexachlorocyclopentadiene	12.98	237	116535	44.40	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.24	196	128267	30.44	ng/ul	96
40) 2,4,5-Trichlorophenol	13.32	196	153032	33.28	ng/ul	93
41) 1,1'-Biphenyl	13.64	154	635232	37.93	ng/ul#	97
42) 2-Chloronaphthalene	13.69	162	482877	36.86	ng/ul	94
43) 2-Nitroaniline	13.89	65	82801	18.12	ng/ul#	22
45) Dimethylphthalate	14.25	163	594822	33.58	ng/ul	100
46) 2,6-Dinitrotoluene	14.38	165	127295	35.22	ng/ul#	64
48) Acenaphthylene	14.53	152	815405	39.17	ng/ul	99
49) 3-Nitroaniline	14.71	138	137579	41.14	ng/ul#	65
50) Acenaphthene	14.87	153	565706	39.39	ng/ul	96
51) 2,4-Dinitrophenol	14.91	184	24208	13.29	ng/ul#	54
53) 4-Nitrophenol	15.01	109	47653	16.86	ng/ul#	39
54) Dibenzofuran	15.20	168	740423	36.81	ng/ul#	84
55) 2,4-Dinitrotoluene	15.16	165	174914	33.01	ng/ul#	54
56) 2,3,4,6-Tetrachlorophenol	15.42	232	123337	36.69	ng/ul#	89
57) Diethylphthalate	15.61	149	598389	31.61	ng/ul	97
59) Fluorene	15.85	166	636660	36.20	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.84	204	305498m	33.07	ng/ul	
61) 4-Nitroaniline	15.88	138	151613	43.26	ng/ul#	48
64) 4,6-Dinitro-2-methylphenol	15.92	198	57128	17.83	ng/ul#	82
65) N-Nitrosodiphenylamine	16.05	169	548518	38.55	ng/ul	89
66) 4-Bromophenyl-phenylether	16.73	248	193745m	36.12	ng/ul	
67) Hexachlorobenzene	16.85	284	219208	38.74	ng/ul#	81
68) Atrazine	16.99	200	163519	28.50	ng/ul	97
69) Pentachlorophenol	17.19	266	84607	56.54	ng/ul	95
70) Phenanthrene	17.59	178	977784	37.60	ng/ul	94
72) Anthracene	17.68	178	986095	37.26	ng/ul	97
73) Carbazole	17.95	167	924557	40.38	ng/ul#	96
74) Di-n-butylphthalate	18.50	149	949196	32.13	ng/ul#	96
75) Fluoranthene	19.59	202	1095101	34.89	ng/ul#	93
78) Pyrene	19.95	202	1098843m	37.64	ng/ul	
79) Butylbenzylphthalate	20.83	149	316662	25.69	ng/ul#	78
80) 3,3'-Dichlorobenzidine	21.73	252	359168	35.35	ng/ul	99
81) Benzo(a)anthracene	21.81	228	1070200	36.19	ng/ul	95
82) Bis(2-ethylhexyl)phthalate	21.70	149	520103	28.84	ng/ul	95
83) Chrysene	21.88	228	1029211	36.75	ng/ul	95
85) Di-n-octyl phthalate	22.96	149	834405	26.71	ng/ul	100
86) Benzo(b)fluoranthene	24.11	252	1109314	37.53	ng/ul#	97
87) Benzo(k)fluoranthene	24.18	252	1091359	37.59	ng/ul#	95
89) Benzo(a)pyrene	25.01	252	1055905	36.80	ng/ul#	95
90) Indeno(1,2,3-cd)pyrene	29.00	276	1279941	39.25	ng/ul#	94
91) Dibenzo(a,h)anthracene	29.07	278	1062445	38.29	ng/ul#	95
92) Benzo(g,h,i)perylene	30.19	276	1026148	38.26	ng/ul#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021804.D
Acq On : 9 May 2016 11:55
Operator : UM/SJ
Sample : SSTD04010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 09 13:40:52 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:51:39 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD04010

Manual Integrations APPROVED
umangi
5/10/2016 7:02:19 PM