Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020803.D
Acq On : 5 Feb 2016 2:20
Operator : SJ/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Manual Integrations APPROVED
mohammad
2/5/2016 3:39:34 PM

Quant Time: Feb 05 08:07:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 07:34:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	21646	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	105768	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	60397	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	121145	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	108913	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	101322	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	3232	7.16	ng/uL	0.00
5) Phenol-d5	7.41	99	37895	17.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	20961	18.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	31680	19.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	32588	17.05	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	14909	23.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	14219	25.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	30080	19.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	43793	20.16	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	92867	18.00	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	123783	19.69	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	18384	20.15	ng/ul	0.00
58) Fluorene-d10	15.87	176	82042	18.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	8645	21.61	ng/ul	0.00
71) Anthracene-d10	17.72	188	114359	19.20	ng/ul	0.00
79) Pyrene-d10	19.99	212	109562	18.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	106727	19.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	3593	5.82	ng/uL#	85
4) Benzaldehyde	7.41	77	25324	20.37	ng/ul	83
6) Phenol	7.44	94	41420	17.63	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.68	93	31981	18.17	ng/ul	94
10) 2-Chlorophenol	7.84	128	32182	18.61	ng/ul#	89
11) 2-Methylphenol	8.71	108	31783	17.04	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.81	45	34419	17.70	ng/ul	94
14) Acetophenone	9.10	105	50875	17.22	ng/ul#	84
15) N-Nitroso-di-n-propylamine	9.08	70	24416	16.34	ng/ul#	88
16) 4-Methylphenol	9.04	108	35737	17.13	ng/ul	98
17) Hexachloroethane	9.38	117	12247	20.20	ng/ul#	77
20) Nitrobenzene	9.49	77	33640	22.46	ng/ul#	85
21) Isophorone	10.01	82	69272	17.53	ng/ul#	96
23) 2-Nitrophenol	10.20	139	17181	24.97	ng/ul#	78
24) 2,4-Dimethylphenol	10.25	107	36763	19.28	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.49	93	46140	18.52	ng/ul	98
27) 2,4-Dichlorophenol	10.74	162	32094	19.63	ng/ul	98
28) Naphthalene	11.16	128	113257	19.19	ng/ul	99
30) 4-Chloroaniline	11.25	127	46100	19.96	ng/ul	96
31) Hexachlorobutadiene	11.43	225	15988	19.73	ng/ul	98
32) Caprolactam	12.00	113	11423	17.13	ng/ul#	76
33) 4-Chloro-3-methylphenol	12.35	107	35738	18.34	ng/ul	92
34) 2-Methylnaphthalene	12.74	142	84159	18.54	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020803.D
Acq On : 5 Feb 2016 2:20
Operator : SJ/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Manual Integrations APPROVED
mohammad
2/5/2016 3:39:34 PM

Quant Time: Feb 05 08:07:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 07:34:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	80149	18.49	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	35487	20.82	ng/ul#	97
38) Hexachlorocyclopentadiene	13.08	237	14902	16.44	ng/ul#	95
39) 2,4,6-Trichlorophenol	13.33	196	23926	21.21	ng/ul	98
40) 2,4,5-Trichlorophenol	13.39	196	26515	21.14	ng/ul	99
41) 1,1'-Biphenyl	13.73	154	106056	20.15	ng/ul#	97
42) 2-Chloronaphthalene	13.78	162	78339	20.19	ng/ul	99
43) 2-Nitroaniline	13.96	65	19127	26.01	ng/ul#	79
45) Dimethylphthalate	14.33	163	96955	18.01	ng/ul#	98
46) 2,6-Dinitrotoluene	14.45	165	18166	25.38	ng/ul	97
48) Acenaphthylene	14.62	152	137882	19.85	ng/ul	98
49) 3-Nitroaniline	14.78	138	22336	23.02	ng/ul	91
50) Acenaphthene	14.95	153	94501	19.54	ng/ul	99
51) 2,4-Dinitrophenol	14.98	184	5809	18.30	ng/ul#	87
53) 4-Nitrophenol	15.07	109	10648	20.92	ng/ul#	59
54) Dibenzofuran	15.28	168	120783	19.11	ng/ul	95
55) 2,4-Dinitrotoluene	15.23	165	24325	24.12	ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.50	232	20630	19.05	ng/ul#	77
57) Diethylphthalate	15.69	149	100200	17.61	ng/ul	95
59) Fluorene	15.93	166	102686	18.59	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.91	204	43508	18.17	ng/ul#	89
61) 4-Nitroaniline	15.94	138	25126	21.39	ng/ul#	73
64) 4,6-Dinitro-2-methylphenol	15.99	198	10225	21.61	ng/ul	98
65) N-Nitrosodiphenylamine	16.13	169	84017	20.80	ng/ul	93
66) 4-Bromophenyl-phenylether	16.81	248	25522	19.76	ng/ul#	92
67) Hexachlorobenzene	16.92	284	27695	19.27	ng/ul#	86
68) Atrazine	17.06	200	26251	19.66	ng/ul	97
69) Pentachlorophenol	17.27	266	15035	18.21	ng/ul	97
70) Phenanthrene	17.67	178	148917	19.58	ng/ul	99
72) Anthracene	17.75	178	148581	19.53	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	33154	23.06	ng/uL	98
74) Pentachlorobenzene	15.20	250	32574	22.01	ng/uL	98
75) Carbazole	18.02	167	134282	19.89	ng/ul	95
76) Di-n-butylphthalate	18.56	149	167318	20.70	ng/ul	99
77) Fluoranthene	19.65	202	152743	19.54	ng/ul#	79
80) Pyrene	20.01	202	156121	18.96	ng/ul#	76
81) Butylbenzylphthalate	20.88	149	70620	21.84	ng/ul#	97
82) 3,3'-Dichlorobenzidine	21.78	252	48352	20.76	ng/ul#	94
83) Benzo(a)anthracene	21.88	228	136913	19.52	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	106476	21.27	ng/ul#	95
85) Chrysene	21.95	228	126490	19.41	ng/ul	98
87) Di-n-octyl phthalate	23.04	149	176728	21.61	ng/ul	100
88) Benzo(b)fluoranthene	24.20	252	130654	19.68	ng/ul#	94
89) Benzo(k)fluoranthene	24.28	252	125993	19.38	ng/ul#	93
91) Benzo(a)pyrene	25.12	252	124767	19.65	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	29.15	276	147265m	19.84	ng/ul	
93) Dibenzo(a,h)anthracene	29.23	278	120148	19.59	ng/ul#	88
94) Benzo(g,h,i)perylene	30.38	276	119539	19.62	ng/ul#	84

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020803.D
Acq On : 5 Feb 2016 2:20
Operator : SJ/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 05 08:07:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 07:34:32 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Manual Integrations APPROVED
mohammad
2/5/2016 3:39:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020803.D
Acq On : 5 Feb 2016 2:20
Operator : SJ/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 05 08:07:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 07:34:32 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Manual Integrations APPROVED
mohammad
2/5/2016 3:39:34 PM