Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021887.D
Acq On : 15 May 2016 10:54
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02022

Manual Integrations APPROVED
sohil
5/16/2016 7:03:37 PM

Quant Time: May 16 01:17:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	43361	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	229523	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	146674	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	333401	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	340573	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	333009	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	6998	7.79	ng/uL	0.00
5) Phenol-d5	7.31	99	67173	20.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	31975	20.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	60699	24.31	ng/ul	-0.01
13) 4-Methylphenol-d8	8.87	113	62073	22.97	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	32323	21.42	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	32347	33.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	66883	24.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	89787m	30.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	229187	22.25	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	296212	20.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	37048	20.98	ng/ul	0.00
58) Fluorene-d10	15.77	176	211379	19.49	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.89	200	27814	30.12	ng/ul	0.00
71) Anthracene-d10	17.63	188	315078	19.41	ng/ul	0.00
77) Pyrene-d10	19.91	212	329400	20.66	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	311198	19.67	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	13403	8.05	ng/uL#	73
4) Benzaldehyde	7.30	77	39219m	112.13	ng/ul	
6) Phenol	7.34	94	70447m	20.59	ng/ul	
8) Bis(2-Chloroethyl)ether	7.58	93	50784	18.23	ng/ul#	76
10) 2-Chlorophenol	7.73	128	61307	24.35	ng/ul#	76
11) 2-Methylphenol	8.61	108	58189	21.62	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.69	45	51756	21.16	ng/ul#	82
14) Acetophenone	8.99	105	96679m	21.71	ng/ul	
15) N-Nitroso-di-n-propylamine	8.97	70	43359	21.55	ng/ul#	76
16) 4-Methylphenol	8.93	108	65545	22.06	ng/ul	86
17) Hexachloroethane	9.25	117	23421	21.00	ng/ul	93
20) Nitrobenzene	9.38	77	57534	19.72	ng/ul#	65
21) Isophorone	9.89	82	140873	20.79	ng/ul#	87
23) 2-Nitrophenol	10.09	139	34229	29.77	ng/ul#	56
24) 2,4-Dimethylphenol	10.14	107	64795	22.52	ng/ul#	69
25) Bis(2-Chloroethoxy)methane	10.38	93	80254	19.73	ng/ul#	97
27) 2,4-Dichlorophenol	10.63	162	66710	24.29	ng/ul#	93
28) Naphthalene	11.03	128	231203	20.09	ng/ul	99
30) 4-Chloroaniline	11.14	127	91074m	30.99	ng/ul	
31) Hexachlorobutadiene	11.31	225	37598	20.28	ng/ul	98
32) Caprolactam	11.90	113	28458	24.51	ng/ul#	41
33) 4-Chloro-3-methylphenol	12.25	107	64189	23.12	ng/ul#	65
34) 2-Methylnaphthalene	12.63	142	171892	20.28	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021887.D
Acq On : 15 May 2016 10:54
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02022

Manual Integrations APPROVED
sohil
5/16/2016 7:03:37 PM

Quant Time: May 16 01:17:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.85	142	175135	20.84	ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	85558	21.04	ng/ul#	91
38) Hexachlorocyclopentadiene	12.97	237	44036	21.30	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.22	196	54344	27.99	ng/ul	98
40) 2,4,5-Trichlorophenol	13.30	196	63250	23.26	ng/ul	90
41) 1,1'-Biphenyl	13.62	154	229602	20.09	ng/ul	96
42) 2-Chloronaphthalene	13.67	162	175827	20.29	ng/ul	95
43) 2-Nitroaniline	13.88	65	33979m	23.84	ng/ul	
45) Dimethylphthalate	14.24	163	228455	21.77	ng/ul	98
46) 2,6-Dinitrotoluene	14.36	165	47794	23.08	ng/ul#	62
48) Acenaphthylene	14.51	152	308732	20.57	ng/ul	98
49) 3-Nitroaniline	14.69	138	52473m	22.35	ng/ul	
50) Acenaphthene	14.85	153	207915	19.97	ng/ul	96
51) 2,4-Dinitrophenol	14.90	184	13522	28.80	ng/ul#	51
53) 4-Nitrophenol	14.99	109	15503	19.26	ng/ul#	33
54) Dibenzofuran	15.19	168	276207	19.78	ng/ul#	81
55) 2,4-Dinitrotoluene	15.15	165	64600	22.53	ng/ul#	54
56) 2,3,4,6-Tetrachlorophenol	15.41	232	53433	27.83	ng/ul#	82
57) Diethylphthalate	15.59	149	231861	22.66	ng/ul	98
59) Fluorene	15.83	166	239064	19.80	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.82	204	110773	20.33	ng/ul#	86
61) 4-Nitroaniline	15.86	138	49505	18.46	ng/ul#	46
64) 4,6-Dinitro-2-methylphenol	15.90	198	30103	29.90	ng/ul#	80
65) N-Nitrosodiphenylamine	16.03	169	202720	20.82	ng/ul	92
66) 4-Bromophenyl-phenylether	16.71	248	71703m	20.54	ng/ul	
67) Hexachlorobenzene	16.83	284	85628	21.29	ng/ul#	78
68) Atrazine	16.97	200	72877	26.05	ng/ul	96
69) Pentachlorophenol	17.18	266	37925	24.68	ng/ul	95
70) Phenanthrene	17.57	178	372403	20.43	ng/ul	97
72) Anthracene	17.67	178	372893	20.14	ng/ul	99
73) Carbazole	17.94	167	343099m	21.37	ng/ul	
74) Di-n-butylphthalate	18.48	149	408100	27.98	ng/ul#	96
75) Fluoranthene	19.58	202	416364	20.11	ng/ul	97
78) Pyrene	19.93	202	434879m	22.07	ng/ul	
79) Butylbenzylphthalate	20.81	149	170266	39.09	ng/ul#	78
80) 3,3'-Dichlorobenzidine	21.71	252	137019	24.35	ng/ul	100
81) Benzo(a)anthracene	21.80	228	379871	20.04	ng/ul	98
82) Bis(2-ethylhexyl)phthalate	21.69	149	255721	35.96	ng/ul	95
83) Chrysene	21.87	228	376799	20.10	ng/ul	98
85) Di-n-octyl phthalate	22.94	149	437494	31.87	ng/ul	100
86) Benzo(b)fluoranthene	24.09	252	381420	20.01	ng/ul#	97
87) Benzo(k)fluoranthene	24.15	252	397999	19.50	ng/ul#	97
89) Benzo(a)pyrene	24.99	252	374528	19.74	ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	28.96	276	446522	19.86	ng/ul#	91
91) Dibenzo(a,h)anthracene	29.02	278	358847	19.17	ng/ul	96
92) Benzo(g,h,i)perylene	30.15	276	366993	19.77	ng/ul#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021887.D
Acq On : 15 May 2016 10:54
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 01:17:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02022

Manual Integrations APPROVED
sohil
5/16/2016 7:03:37 PM