Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122816\
Data File : BG025394.D
Acq On : 28 Dec 2016 12:50
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02026

Manual Integrations APPROVED
Sohil
12/29/2016 1:18:42 PM

Quant Time: Dec 29 00:07:28 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	57494	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.03	136	227846	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.84	164	193175	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.58	188	479106	20.00	ng/ul	-0.01
75) Chrysene-d12	21.87	240	654207	20.00	ng/ul	-0.01
83) Perylene-d12	25.28	264	669963	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	8245	7.41	ng/uL	-0.02
5) Phenol-d5	7.37	99	97750	19.71	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.53	67	63579	20.72	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.74	132	67535	19.47	ng/ul	-0.01
13) 4-Methylphenol-d8	8.92	113	86538	20.88	ng/ul	-0.02
19) Nitrobenzene-d5	9.39	128	35160	21.79	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.12	143	44822	22.28	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.66	165	81526	21.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.18	131	98881	26.01	ng/ul	-0.01
43) Dimethylphthalate-d6	14.23	166	306726	23.08	ng/ul	-0.01
46) Acenaphthylene-d8	14.53	160	329843	22.66	ng/ul	-0.02
51) 4-Nitrophenol-d4	15.06	143	43582	19.08	ng/ul	0.00
57) Fluorene-d10	15.82	176	284125	22.72	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.96	200	55938	18.88	ng/ul	-0.01
70) Anthracene-d10	17.68	188	452169	22.36	ng/ul	-0.01
76) Pyrene-d10	19.95	212	594705	22.07	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.05	264	621374	22.89	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	9181	6.33	ng/uL#	78
4) Benzaldehyde	7.35	77	77415	20.73	ng/ul	96
6) Phenol	7.40	94	101891	20.01	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.61	93	75277	20.21	ng/ul	89
10) 2-Chlorophenol	7.77	128	71770	20.58	ng/ul	95
11) 2-Methylphenol	8.65	108	77753	20.74	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.74	45	139352	22.00	ng/ul	99
14) Acetophenone	9.04	105	123877	19.64	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.01	70	77940	21.39	ng/ul	91
16) 4-Methylphenol	8.99	108	80451	19.29	ng/ul	94
17) Hexachloroethane	9.29	117	32701	21.17	ng/ul	86
20) Nitrobenzene	9.44	77	112923	22.78	ng/ul	98
21) Isophorone	9.95	82	209108	22.29	ng/ul	97
23) 2-Nitrophenol	10.15	139	45008	22.06	ng/ul#	84
24) 2,4-Dimethylphenol	10.19	107	106032	22.72	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.42	93	103228	21.59	ng/ul#	86
27) 2,4-Dichlorophenol	10.69	162	84508	22.50	ng/ul	90
28) Naphthalene	11.09	128	227091	21.44	ng/ul	97
30) 4-Chloroaniline	11.20	127	97257	25.02	ng/ul	93
31) Hexachlorobutadiene	11.35	225	76035	23.55	ng/ul#	81
32) Caprolactam	11.98	113	33275m	21.33	ng/ul	
33) 4-Chloro-3-methylphenol	12.31	107	99985	21.60	ng/ul	92
34) 2-Methylnaphthalene	12.68	142	182399	21.82	ng/ul	86

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122816\
Data File : BG025394.D
Acq On : 28 Dec 2016 12:50
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02026

Manual Integrations APPROVED
Sohil
12/29/2016 1:18:42 PM

Quant Time: Dec 29 00:07:28 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.04	216	134666	23.13 ng/ul	95
37) Hexachlorocyclopentadiene	13.00	237	59053	17.28 ng/ul	94
38) 2,4,6-Trichlorophenol	13.28	196	80907	22.12 ng/ul	97
39) 2,4,5-Trichlorophenol	13.37	196	80908	20.18 ng/ul	95
40) 1,1'-Biphenyl	13.67	154	268128	22.89 ng/ul	97
41) 2-Chloronaphthalene	13.72	162	201969	21.66 ng/ul	97
42) 2-Nitroaniline	13.94	65	87983	24.11 ng/ul	96
44) Dimethylphthalate	14.28	163	294048	22.52 ng/ul	99
45) 2,6-Dinitrotoluene	14.42	165	60061	21.40 ng/ul	94
47) Acenaphthylene	14.56	152	313511	22.16 ng/ul	98
48) 3-Nitroaniline	14.76	138	59103	24.32 ng/ul	79
49) Acenaphthene	14.90	153	218946	22.59 ng/ul	99
50) 2,4-Dinitrophenol	14.98	184	36451	19.99 ng/ul#	85
52) 4-Nitrophenol	15.08	109	57240	20.84 ng/ul	98
53) Dibenzofuran	15.23	168	343045	22.37 ng/ul	97
54) 2,4-Dinitrotoluene	15.21	165	92462	21.86 ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.46	232	86270	20.37 ng/ul#	97
56) Diethylphthalate	15.62	149	318210	23.01 ng/ul	95
58) Fluorene	15.88	166	278512	22.31 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.86	204	157931	22.47 ng/ul	89
60) 4-Nitroaniline	15.92	138	59786	20.40 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.98	198	59857	19.51 ng/ul#	89
64) N-Nitrosodiphenylamine	16.08	169	268596	21.79 ng/ul	94
65) 4-Bromophenyl-phenylether	16.75	248	117521	21.72 ng/ul	91
66) Hexachlorobenzene	16.88	284	137980	22.65 ng/ul	95
67) Atrazine	17.02	200	134063	22.88 ng/ul	97
68) Pentachlorophenol	17.24	266	50790	13.88 ng/ul	91
69) Phenanthrene	17.62	178	516421	22.58 ng/ul	98
71) Anthracene	17.71	178	524134	22.29 ng/ul	100
72) Carbazole	17.99	167	452803	23.09 ng/ul#	97
73) Di-n-butylphthalate	18.50	149	571836	23.09 ng/ul	99
74) Fluoranthene	19.62	202	694111	25.54 ng/ul#	95
77) Pyrene	19.98	202	702579	22.34 ng/ul#	96
78) Butylbenzylphthalate	20.83	149	256826	20.86 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.76	252	260409	22.83 ng/ul	93
80) Benzo(a)anthracene	21.85	228	766324	22.55 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.70	149	373668	22.05 ng/ul	97
82) Chrysene	21.92	228	710696	22.35 ng/ul	98
84) Di-n-octyl phthalate	22.95	149	651286	23.94 ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	761938	22.94 ng/ul	98
86) Benzo(k)fluoranthene	24.26	252	716054m	22.67 ng/ul	
88) Benzo(a)pyrene	25.12	252	728376	22.80 ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	29.21	276	910765m	22.94 ng/ul	
90) Dibenzo(a,h)anthracene	29.25	278	767616m	22.95 ng/ul	
91) Benzo(g,h,i)perylene	30.44	276	751878m	22.69 ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122816\
Data File : BG025394.D
Acq On : 28 Dec 2016 12:50
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 00:07:28 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02026

Manual Integrations APPROVED
Sohil
12/29/2016 1:18:42 PM