Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032211.D
Acq On : 22 Jan 2018 14:18
Operator : SJ/JU
Sample : SSTD01080
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 22 15:02:19 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 12:46:57 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD01080

Manual Integrations APPROVED
Sohil
1/23/2018 5:08:40 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	40614	20.00	ng/ul	0.00
18) Naphthalene-d8	11.61	136	172358	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.37	164	120667	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.10	188	295453	20.00	ng/ul	0.00
77) Chrysene-d12	22.43	240	377882	20.00	ng/ul	0.00
85) Perylene-d12	26.13	264	391231	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.79	96	2219	3.54	ng/uL	0.00
5) Phenol-d5	7.85	99	27604	9.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	8.02	67	13421	8.75	ng/ul	0.00
9) 2-Chlorophenol-d4	8.25	132	25834	9.99	ng/ul	0.00
13) 4-Methylphenol-d8	9.43	113	25384	9.27	ng/ul	0.00
19) Nitrobenzene-d5	9.93	128	12866	10.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.67	143	15441	10.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.21	165	32012	10.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.74	131	20594	6.76	ng/ul	0.01
43) Dimethylphthalate-d6	14.74	166	101054	9.25	ng/ul	0.00
46) Acenaphthylene-d8	15.07	160	124910	10.57	ng/ul	0.00
51) 4-Nitrophenol-d4	15.52	143	12123	7.39	ng/ul	0.00
57) Fluorene-d10	16.35	176	94278	9.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.44	200	15015	7.14	ng/ul	0.00
70) Anthracene-d10	18.19	188	144166	10.19	ng/ul	0.00
78) Pyrene-d10	20.43	212	176091	10.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.86	264	182206	10.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.83	88	3023	4.499	ng/uL#	92
4) Benzaldehyde	7.84	77	17359	11.435	ng/ul#	85
6) Phenol	7.88	94	27914	9.382	ng/ul	93
8) Bis(2-Chloroethyl)ether	8.12	93	20014	9.503	ng/ul	89
10) 2-Chlorophenol	8.28	128	24736	10.383	ng/ul	96
11) 2-Methylphenol	9.17	108	22327	9.625	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	9.27	45	19248	6.962	ng/ul#	89
14) Acetophenone	9.57	105	37082	9.320	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.55	70	16600	8.888	ng/ul#	91
16) 4-Methylphenol	9.50	108	24806	9.638	ng/ul	97
17) Hexachloroethane	9.86	117	9960	10.450	ng/ul#	73
20) Nitrobenzene	9.97	77	24980	9.656	ng/ul#	88
21) Isophorone	10.50	82	44875	9.077	ng/ul#	83
23) 2-Nitrophenol	10.70	139	15001	10.146	ng/ul#	84
24) 2,4-Dimethylphenol	10.74	107	31417	10.624	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.98	93	28752	10.012	ng/ul#	93
27) 2,4-Dichlorophenol	11.24	162	30707	10.671	ng/ul	96
28) Naphthalene	11.67	128	78218	10.054	ng/ul	98
30) 4-Chloroaniline	11.76	127	18887	6.516	ng/ul#	82
31) Hexachlorobutadiene	11.94	225	27586	11.080	ng/ul	92
32) Caprolactam	12.47	113	7897	8.550	ng/ul#	65
33) 4-Chloro-3-methylphenol	12.84	107	27870	9.940	ng/ul	92
34) 2-Methylnaphthalene	13.23	142	67202	10.010	ng/ul	99

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032211.D
Acq On : 22 Jan 2018 14:18
Operator : SJ/JU
Sample : SSTD01080
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01080

Manual Integrations APPROVED
Sohil
1/23/2018 5:08:40 PM

Quant Time: Jan 22 15:02:19 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 12:46:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.58	216	54920	11.814	ng/ul#	96
37) Hexachlorocyclopentadiene	13.56	237	16123	5.915	ng/ul#	95
38) 2,4,6-Trichlorophenol	13.81	196	31116	11.214	ng/ul	94
39) 2,4,5-Trichlorophenol	13.88	196	30681	10.408	ng/ul	94
40) 1,1'-Biphenyl	14.20	154	95428	10.881	ng/ul#	95
41) 2-Chloronaphthalene	14.26	162	77050	10.893	ng/ul	97
42) 2-Nitroaniline	14.45	65	15104	9.060	ng/ul	97
44) Dimethylphthalate	14.79	163	98048	9.800	ng/ul	98
45) 2,6-Dinitrotoluene	14.92	165	19573	9.746	ng/ul#	85
47) Acenaphthylene	15.09	152	111157	9.928	ng/ul	94
48) 3-Nitroaniline	15.26	138	13034	7.809	ng/ul#	94
49) Acenaphthene	15.43	153	79895	10.421	ng/ul	97
50) 2,4-Dinitrophenol	15.45	184	8586	6.698	ng/ul#	1
52) 4-Nitrophenol	15.53	109	11535	8.646	ng/ul	94
53) Dibenzofuran	15.76	168	120971	10.377	ng/ul	94
54) 2,4-Dinitrotoluene	15.70	165	28903	9.636	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.97	232	31220	9.945	ng/ul#	95
56) Diethylphthalate	16.14	149	91582	8.719	ng/ul	99
58) Fluorene	16.40	166	97197	9.611	ng/ul	94
59) 4-Chlorophenyl-phenylether	16.38	204	60717	10.051	ng/ul	92
60) 4-Nitroaniline	16.40	138	16959	8.555	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	16.46	198	16297	8.085	ng/ul#	83
64) N-Nitrosodiphenylamine	16.59	169	84180	11.287	ng/ul	98
65) 4-Bromophenyl-phenylether	17.27	248	42509	11.189	ng/ul	100
66) Hexachlorobenzene	17.40	284	44292	10.252	ng/ul	98
67) Atrazine	17.51	200	38701	10.877	ng/ul	97
68) Pentachlorophenol	17.74	266	16703	7.405	ng/ul	92
69) Phenanthrene	18.14	178	155577	10.591	ng/ul	97
71) Anthracene	18.23	178	164543	10.758	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	14.18	216	54289	13.174	ng/uL	96
73) Pentachlorobenzene	15.68	250	59001	9.635	ng/uL	96
74) Carbazole	18.49	167	131573	10.505	ng/ul	99
75) Di-n-butylphthalate	19.00	149	148678	10.691	ng/ul	98
76) Fluoranthene	20.10	202	210092	11.191	ng/ul#	93
79) Pyrene	20.46	202	220471	11.241	ng/ul#	90
80) Butylbenzylphthalate	21.33	149	69108	11.857	ng/ul#	82
81) 3,3'-Dichlorobenzidine	22.30	252	52156	7.544	ng/ul#	90
82) Benzo(a)anthracene	22.41	228	232571	11.587	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	22.25	149	95893	11.246	ng/ul#	93
84) Chrysene	22.48	228	207814	11.318	ng/ul	100
86) Di-n-octyl phthalate	23.63	149	169362	10.983	ng/ul	100
87) Benzo(b)fluoranthene	24.94	252	235149	10.796	ng/ul#	97
88) Benzo(k)fluoranthene	25.02	252	230550	10.858	ng/ul#	97
90) Benzo(a)pyrene	25.94	252	227130	10.838	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	30.40	276	240226m	9.445	ng/ul	
92) Dibenzo(a,h)anthracene	30.47	278	207700m	9.521	ng/ul	
93) Benzo(g,h,i)perylene	31.72	276	193702m	9.187	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032211.D
Acq On : 22 Jan 2018 14:18
Operator : SJ/JU
Sample : SSTD01080
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 22 15:02:19 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 12:46:57 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD01080

Manual Integrations APPROVED
Sohil
1/23/2018 5:08:40 PM