Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
Data File : BG022723.D
Acq On : 30 Jun 2016 12:22
Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD00501

Manual Integrations APPROVED
sohil
7/1/2016 7:02:54 PM

Quant Time: Jun 30 15:39:42 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 30 14:18:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	94716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	439368	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	340433	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	861024	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	984124	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	963854	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	2807	1.54	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.69	132	34931	4.88	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.33	128	18478m	5.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	21924	6.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	46297	7.48	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.20	166	148458	5.81	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	169660	4.75	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.80	176	144437	6.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.66	188	226760	5.49	ng/ul	0.00
76) Pyrene-d10	19.94	212	263183	4.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	241476	5.40	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	4102	1.24	ng/uL#	56
10) 2-Chlorophenol	7.72	128	35305	5.01	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.96	70	37374	7.13	ng/ul#	82
17) Hexachloroethane	9.25	117	14331	5.10	ng/ul	96
20) Nitrobenzene	9.37	77	52445	8.00	ng/ul#	76
21) Isophorone	9.90	82	92161	6.59	ng/ul#	91
23) 2-Nitrophenol	10.09	139	22215	6.05	ng/ul#	59
24) 2,4-Dimethylphenol	10.15	107	56996	8.05	ng/ul#	74
25) Bis(2-Chloroethoxy)methane	10.38	93	60572	7.55	ng/ul#	89
27) 2,4-Dichlorophenol	10.63	162	48751	8.02	ng/ul	88
28) Naphthalene	11.04	128	120633	5.42	ng/ul	97
31) Hexachlorobutadiene	11.32	225	35356	9.87	ng/ul#	84
33) 4-Chloro-3-methylphenol	12.26	107	58746	9.08	ng/ul#	77
34) 2-Methylnaphthalene	12.63	142	95891	6.02	ng/ul	93
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	68747	6.81	ng/ul#	83
38) 2,4,6-Trichlorophenol	13.24	196	45261	6.64	ng/ul	99
39) 2,4,5-Trichlorophenol	13.31	196	47395m	6.55	ng/ul	
40) 1,1'-Biphenyl	13.63	154	147009	5.24	ng/ul#	85
41) 2-Chloronaphthalene	13.68	162	117369	5.45	ng/ul	99
42) 2-Nitroaniline	13.88	65	43130	8.89	ng/ul#	67
44) Dimethylphthalate	14.24	163	154494	6.01	ng/ul	98
45) 2,6-Dinitrotoluene	14.37	165	31087	5.64	ng/ul#	74
47) Acenaphthylene	14.52	152	177330	4.88	ng/ul	97

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
Data File : BG022723.D
Acq On : 30 Jun 2016 12:22
Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations APPROVED
sohil
7/1/2016 7:02:54 PM

Quant Time: Jun 30 15:39:42 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 30 14:18:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.87	153	119952	4.77	ng/ul	97
53) Dibenzofuran	15.20	168	193013	6.21	ng/ul	94
54) 2,4-Dinitrotoluene	15.15	165	44797	6.03	ng/ul#	59
55) 2,3,4,6-Tetrachlorophenol	15.43	232	44269	7.73	ng/ul#	92
56) Diethylphthalate	15.60	149	152281	5.71	ng/ul	99
58) Fluorene	15.85	166	145921	5.56	ng/ul#	98
59) 4-Chlorophenyl-phenylether	15.84	204	89316	7.56	ng/ul	96
64) N-Nitrosodiphenylamine	16.05	169	139109	5.11	ng/ul	97
65) 4-Bromophenyl-phenylether	16.74	248	60116	6.91	ng/ul	93
66) Hexachlorobenzene	16.85	284	64177	6.35	ng/ul	94
69) Phenanthrene	17.60	178	244034	5.10	ng/ul	97
71) Anthracene	17.69	178	255678	5.27	ng/ul	99
73) Di-n-butylphthalate	18.51	149	231995	4.12	ng/ul#	98
77) Pyrene	19.97	202	328788	4.75	ng/ul#	81
78) Butylbenzylphthalate	20.84	149	108448	3.30	ng/ul#	85
80) Benzo(a)anthracene	21.83	228	331080	5.74	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.72	149	143689	3.08	ng/ul#	96
82) Chrysene	21.90	228	294077	5.31	ng/ul	96
85) Benzo(b)fluoranthene	24.14	252	335646	5.95	ng/ul#	91
86) Benzo(k)fluoranthene	24.21	252	304628	5.55	ng/ul#	90
88) Benzo(a)pyrene	25.05	252	312506m	5.74	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.06	276	313222m	5.02	ng/ul	
90) Dibenzo(a,h)anthracene	29.14	278	269115m	5.15	ng/ul	
91) Benzo(g,h,i)perylene	30.27	276	262257m	5.25	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
Data File : BG022723.D
Acq On : 30 Jun 2016 12:22
Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 30 15:39:42 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 30 14:18:55 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations APPROVED
sohil
7/1/2016 7:02:54 PM