Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
Data File : BM011640.D
Acq On : 20 Sep 2017 16:45
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Manual Integrations APPROVED

Sohil

9/22/2017 4:05:19 PM

Quant Time: Sep 21 04:12:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 01:44:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	330202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1525753	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	906047	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2020116	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2198254	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1989935	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	55006	7.49	ng/uL	0.00
5) Phenol-d5	7.11	99	608407	19.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	438710	20.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	480227	20.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	483047	19.51	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	233426	20.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	251420	20.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	491095	20.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	639853	23.92	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	1516820	19.80	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1887986	20.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	266019	18.48	ng/ul	0.00
58) Fluorene-d10	15.59	176	1338253	20.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	224872	19.13	ng/ul	0.00
71) Anthracene-d10	17.43	188	2044041	20.55	ng/ul	0.00
79) Pyrene-d10	19.72	212	2245949	21.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	1936902	20.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	59051	7.339	ng/uL#	61
4) Benzaldehyde	7.10	77	345797	19.086	ng/ul	95
6) Phenol	7.14	94	610930	19.411	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.38	93	481720	19.441	ng/ul#	83
10) 2-Chlorophenol	7.52	128	465552	19.972	ng/ul#	90
11) 2-Methylphenol	8.40	108	457890	19.188	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.49	45	907246	22.590	ng/ul#	91
14) Acetophenone	8.79	105	757374	20.018	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.77	70	416486	20.514	ng/ul#	71
16) 4-Methylphenol	8.73	108	511160	19.576	ng/ul	93
17) Hexachloroethane	9.05	117	185381	20.803	ng/ul	82
20) Nitrobenzene	9.17	77	586846	21.548	ng/ul	99
21) Isophorone	9.69	82	1120348	20.431	ng/ul#	96
23) 2-Nitrophenol	9.88	139	266144	21.038	ng/ul	90
24) 2,4-Dimethylphenol	9.93	107	547591	20.230	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.17	93	697837	19.517	ng/ul	98
27) 2,4-Dichlorophenol	10.41	162	477291	20.424	ng/ul	98
28) Naphthalene	10.82	128	1568526	19.825	ng/ul	99
30) 4-Chloroaniline	10.93	127	611324	24.054	ng/ul	97
31) Hexachlorobutadiene	11.10	225	292179	22.029	ng/ul	97
32) Caprolactam	11.70	113	132441m	18.004	ng/ul	
33) 4-Chloro-3-methylphenol	12.04	107	511050	20.627	ng/ul	96
34) 2-Methylnaphthalene	12.42	142	1169867	19.911	ng/ul	100

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
Data File : BM011640.D
Acq On : 20 Sep 2017 16:45
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 21 04:12:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 01:44:48 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Manual Integrations APPROVED

Sohil

9/22/2017 4:05:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.64	142	1117147	19.963	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	564892	21.018	ng/ul#	97
38) Hexachlorocyclopentadiene	12.77	237	287926	19.113	ng/ul	99
39) 2,4,6-Trichlorophenol	13.03	196	382776	20.918	ng/ul	98
40) 2,4,5-Trichlorophenol	13.10	196	386643	20.839	ng/ul	96
41) 1,1'-Biphenyl	13.43	154	1512662	20.063	ng/ul#	95
42) 2-Chloronaphthalene	13.47	162	1153289	20.329	ng/ul	98
43) 2-Nitroaniline	13.67	65	389721m	22.118	ng/ul	
45) Dimethylphthalate	14.04	163	1454932	19.839	ng/ul#	98
46) 2,6-Dinitrotoluene	14.17	165	269684	20.822	ng/ul	90
48) Acenaphthylene	14.32	152	1892071	20.293	ng/ul	99
49) 3-Nitroaniline	14.50	138	293564	18.382	ng/ul	99
50) Acenaphthene	14.66	153	1256153	19.939	ng/ul	99
51) 2,4-Dinitrophenol	14.70	184	139402	17.421	ng/ul#	65
53) 4-Nitrophenol	14.79	109	197327	21.329	ng/ul#	61
54) Dibenzofuran	14.99	168	1771969	20.108	ng/ul	99
55) 2,4-Dinitrotoluene	14.95	165	394348	20.712	ng/ul#	70
56) 2,3,4,6-Tetrachlorophenol	15.22	232	351267	20.773	ng/ul#	81
57) Diethylphthalate	15.40	149	1514155	19.840	ng/ul	95
59) Fluorene	15.64	166	1480551	20.047	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	711075	20.549	ng/ul	91
61) 4-Nitroaniline	15.66	138	299819	17.526	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.71	198	233184	19.360	ng/ul#	87
65) N-Nitrosodiphenylamine	15.84	169	1219335	19.816	ng/ul	98
66) 4-Bromophenyl-phenylether	16.52	248	431742	20.925	ng/ul	94
67) Hexachlorobenzene	16.64	284	483400	21.283	ng/ul#	89
68) Atrazine	16.79	200	423891	19.882	ng/ul	95
69) Pentachlorophenol	16.98	266	283425	19.434	ng/ul	96
70) Phenanthrene	17.38	178	2273449	20.190	ng/ul	99
72) Anthracene	17.47	178	2367503	20.490	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	576834	21.429	ng/uL	98
74) Pentachlorobenzene	14.91	250	579712	21.234	ng/uL	98
75) Carbazole	17.73	167	2039640	20.692	ng/ul	97
76) Di-n-butylphthalate	18.29	149	2684902	20.737	ng/ul	99
77) Fluoranthene	19.39	202	2641093	22.804	ng/ul#	91
80) Pyrene	19.74	202	2807246	21.888	ng/ul#	85
81) Butylbenzylphthalate	20.63	149	1240590	21.033	ng/ul#	88
82) 3,3'-Dichlorobenzidine	21.41	252	854606	21.407	ng/ul#	98
83) Benzo(a)anthracene	21.49	228	2626814	21.703	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.39	149	1868550	20.629	ng/ul#	96
85) Chrysene	21.54	228	2409876	21.962	ng/ul	99
87) Di-n-octyl phthalate	22.31	149	3240505	22.945	ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	2480172	20.718	ng/ul#	96
89) Benzo(k)fluoranthene	23.20	252	2394154	20.824	ng/ul#	96
91) Benzo(a)pyrene	23.77	252	2295781	20.317	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	26.30	276	2285550	18.388	ng/ul#	86
93) Dibenzo(a,h)anthracene	26.31	278	1950725	18.508	ng/ul#	94
94) Benzo(g,h,i)perylene	27.05	276	1816201	18.042	ng/ul#	93

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
Data File : BM011640.D
Acq On : 20 Sep 2017 16:45
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 21 04:12:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 01:44:48 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Manual Integrations APPROVED

Sohil

9/22/2017 4:05:19 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 M\DATA\BM092017\
Data File : BM011640.D
Acq On : 20 Sep 2017 16:45
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 21 04:12:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 01:44:48 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Manual Integrations APPROVED

Sohil

9/22/2017 4:05:19 PM