Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM091117\
Data File : BM011508.D
Acq On : 11 Sep 2017 22:04
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02013

Manual Integrations APPROVED
Sohil
9/12/2017 2:22:14 PM

Quant Time: Sep 12 07:12:32 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 02:59:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	345851	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	1602461	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1018791	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2352965	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	2958337	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	2803608	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	62071	8.07	ng/uL	0.00
5) Phenol-d5	7.12	99	606603	18.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	452125	20.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	477601	19.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	496731	19.16	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	232495	19.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	229509	18.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	499382	19.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	611189	21.75	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	1678918	19.49	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	2096831	20.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	298091	18.42	ng/ul	0.00
58) Fluorene-d10	15.60	176	1507937	20.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	228077	16.66	ng/ul	0.00
71) Anthracene-d10	17.44	188	2357411	20.35	ng/ul	0.00
79) Pyrene-d10	19.73	212	2616216	18.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	2632049	19.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	66810	7.928	ng/uL#	57
4) Benzaldehyde	7.12	77	341639	18.004	ng/ul	93
6) Phenol	7.15	94	627303	19.029	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.39	93	505201	19.467	ng/ul#	83
10) 2-Chlorophenol	7.54	128	466512	19.108	ng/ul	93
11) 2-Methylphenol	8.41	108	469597	18.788	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.51	45	923662	21.958	ng/ul#	91
14) Acetophenone	8.80	105	772431	19.492	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.78	70	422889	19.887	ng/ul#	74
16) 4-Methylphenol	8.73	108	532735	19.480	ng/ul	94
17) Hexachloroethane	9.06	117	184234	19.739	ng/ul	83
20) Nitrobenzene	9.18	77	569114	19.896	ng/ul	96
21) Isophorone	9.70	82	1115567	19.370	ng/ul	98
23) 2-Nitrophenol	9.89	139	247892	18.657	ng/ul#	92
24) 2,4-Dimethylphenol	9.94	107	557305	19.603	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.19	93	721003	19.200	ng/ul	98
27) 2,4-Dichlorophenol	10.43	162	479666	19.543	ng/ul	98
28) Naphthalene	10.83	128	1651314	19.872	ng/ul	98
30) 4-Chloroaniline	10.94	127	577797	21.646	ng/ul	95
31) Hexachlorobutadiene	11.11	225	276228	19.830	ng/ul	98
32) Caprolactam	11.71	113	147098m	19.039	ng/ul	
33) 4-Chloro-3-methylphenol	12.05	107	516540	19.851	ng/ul	92
34) 2-Methylnaphthalene	12.44	142	1250186	20.259	ng/ul	100

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM091117\
Data File : BM011508.D
Acq On : 11 Sep 2017 22:04
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 12 07:12:32 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 02:59:45 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02013

Manual Integrations APPROVED
Sohil
9/12/2017 2:22:14 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	1205735	20.515	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	578614	19.146	ng/ul#	95
38) Hexachlorocyclopentadiene	12.78	237	271487	16.027	ng/ul	98
39) 2,4,6-Trichlorophenol	13.04	196	379875	18.462	ng/ul	96
40) 2,4,5-Trichlorophenol	13.11	196	401085	19.225	ng/ul	98
41) 1,1'-Biphenyl	13.44	154	1643369	19.384	ng/ul#	94
42) 2-Chloronaphthalene	13.49	162	1225757	19.216	ng/ul	98
43) 2-Nitroaniline	13.69	65	387262	19.546	ng/ul#	80
45) Dimethylphthalate	14.06	163	1608034	19.500	ng/ul#	97
46) 2,6-Dinitrotoluene	14.18	165	284491	19.534	ng/ul	93
48) Acenaphthylene	14.33	152	2109749	20.123	ng/ul	99
49) 3-Nitroaniline	14.51	138	329983	18.375	ng/ul	100
50) Acenaphthene	14.67	153	1418641	20.026	ng/ul	99
51) 2,4-Dinitrophenol	14.71	184	140532	15.618	ng/ul#	72
53) 4-Nitrophenol	14.80	109	200267	19.251	ng/ul#	53
54) Dibenzofuran	15.00	168	1994743	20.131	ng/ul	97
55) 2,4-Dinitrotoluene	14.96	165	425466	19.873	ng/ul#	74
56) 2,3,4,6-Tetrachlorophenol	15.23	232	372247	19.577	ng/ul#	80
57) Diethylphthalate	15.42	149	1722744	20.075	ng/ul	96
59) Fluorene	15.65	166	1718457	20.693	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.64	204	786020	20.201	ng/ul#	89
61) 4-Nitroaniline	15.67	138	371755	19.326	ng/ul#	85
64) 4,6-Dinitro-2-methylphenol	15.72	198	239196	17.050	ng/ul	93
65) N-Nitrosodiphenylamine	15.85	169	1424719	19.878	ng/ul	99
66) 4-Bromophenyl-phenylether	16.53	248	460340	19.155	ng/ul#	91
67) Hexachlorobenzene	16.65	284	503438	19.030	ng/ul#	87
68) Atrazine	16.80	200	470239	18.936	ng/ul	98
69) Pentachlorophenol	16.99	266	289811	17.061	ng/ul	99
70) Phenanthrene	17.39	178	2700901	20.593	ng/ul	100
72) Anthracene	17.48	178	2851549	21.189	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	582839	18.589	ng/uL	96
74) Pentachlorobenzene	14.92	250	601754	18.923	ng/uL	98
75) Carbazole	17.74	167	2456707	21.397	ng/ul	98
76) Di-n-butylphthalate	18.30	149	3193829	21.178	ng/ul	99
77) Fluoranthene	19.39	202	3123798	23.157	ng/ul#	86
80) Pyrene	19.76	202	3393491	19.661	ng/ul#	85
81) Butylbenzylphthalate	20.64	149	1449631	18.263	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.42	252	1044922	19.449	ng/ul#	97
83) Benzo(a)anthracene	21.49	228	3346534	20.545	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.40	149	2277241	18.681	ng/ul#	96
85) Chrysene	21.54	228	2971044	20.120	ng/ul	99
87) Di-n-octyl phthalate	22.31	149	4053582	20.373	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	3307752	19.612	ng/ul#	96
89) Benzo(k)fluoranthene	23.21	252	3163240	19.528	ng/ul#	96
91) Benzo(a)pyrene	23.78	252	3191383	20.047	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.32	276	3658942	20.893	ng/ul#	85
93) Dibenzo(a,h)anthracene	26.33	278	3071062	20.681	ng/ul#	93
94) Benzo(g,h,i)perylene	27.07	276	2946808	20.778	ng/ul#	90

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM091117\
Data File : BM011508.D
Acq On : 11 Sep 2017 22:04
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 12 07:12:32 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 02:59:45 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02013

Manual Integrations APPROVED
Sohil
9/12/2017 2:22:14 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\HPCHEM1\BNA_M\Data\BM091117\
Data File : BM011508.D
Acq On : 11 Sep 2017 22:04
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 12 07:12:32 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 02:59:45 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02013

Manual Integrations APPROVED
Sohil
9/12/2017 2:22:14 PM