Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012131.D
Acq On : 13 Oct 2017 11:30
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Manual Integrations APPROVED
Sohil
10/15/2017 12:37:24 PM

Quant Time: Oct 15 00:23:45 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	199164	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	835571	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	511898	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.25	188	1217886	20.00	ng/ul	0.02
75) Chrysene-d12	21.43	240	1649774	20.00	ng/ul	0.03
83) Perylene-d12	23.77	264	1406043	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	29553	7.05	ng/uL	0.00
5) Phenol-d5	7.02	99	312750	19.35	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.17	67	184883	19.08	ng/ul	0.02
9) 2-Chlorophenol-d4	7.38	132	272411	19.87	ng/ul	0.02
13) 4-Methylphenol-d8	8.57	113	273890	19.69	ng/ul	0.03
19) Nitrobenzene-d5	9.02	128	135800	21.30	ng/ul	0.02
22) 2-Nitrophenol-d4	9.74	143	160756	21.58	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.29	165	295462	20.77	ng/ul	0.03
29) 4-Chloroaniline-d4	10.80	131	301463	22.64	ng/ul	0.02
43) Dimethylphthalate-d6	13.90	166	905687	20.02	ng/ul	0.02
46) Acenaphthylene-d8	14.20	160	1088767	19.88	ng/ul	0.02
51) 4-Nitrophenol-d4	14.73	143	140715	20.69	ng/ul	0.05
57) Fluorene-d10	15.50	176	734756	19.79	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.65	200	132832	15.89	ng/ul	0.05
70) Anthracene-d10	17.35	188	1195656	19.85	ng/ul	0.03
76) Pyrene-d10	19.64	212	1389364	16.59	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.62	264	1364035	20.12	ng/ul	0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	30168	7.05	ng/uL#	73
4) Benzaldehyde	6.99	77	211768	19.61	ng/ul	92
6) Phenol	7.05	94	322149	19.28	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.27	93	244197	19.18	ng/ul	97
10) 2-Chlorophenol	7.41	128	278454	19.90	ng/ul	97
11) 2-Methylphenol	8.30	108	247907	19.73	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.38	45	292543	18.10	ng/ul#	88
14) Acetophenone	8.67	105	423048	20.01	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.66	70	222523	19.64	ng/ul#	72
16) 4-Methylphenol	8.63	108	273912	19.78	ng/ul	95
17) Hexachloroethane	8.92	117	116147	19.68	ng/ul	81
20) Nitrobenzene	9.06	77	322040	20.33	ng/ul	92
21) Isophorone	9.59	82	600820	20.30	ng/ul#	94
23) 2-Nitrophenol	9.77	139	170443	21.33	ng/ul#	76
24) 2,4-Dimethylphenol	9.83	107	324417	20.15	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.06	93	343478	19.79	ng/ul	97
27) 2,4-Dichlorophenol	10.32	162	281808	20.11	ng/ul	91
28) Naphthalene	10.70	128	843045	19.50	ng/ul	99
30) 4-Chloroaniline	10.82	127	298350	22.79	ng/ul	97
31) Hexachlorobutadiene	10.97	225	213670	20.57	ng/ul	96
32) Caprolactam	11.63	113	96200	21.75	ng/ul#	44
33) 4-Chloro-3-methylphenol	11.96	107	298379	20.32	ng/ul	94
34) 2-Methylnaphthalene	12.32	142	629097	19.28	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012131.D
Acq On : 13 Oct 2017 11:30
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Manual Integrations APPROVED
Sohil
10/15/2017 12:37:24 PM

Quant Time: Oct 15 00:23:45 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	368283	19.82	ng/ul	97
37) Hexachlorocyclopentadiene	12.66	237	101093	12.21	ng/ul	98
38) 2,4,6-Trichlorophenol	12.94	196	249647	20.26	ng/ul	98
39) 2,4,5-Trichlorophenol	13.02	196	260223	20.52	ng/ul	98
40) 1,1'-Biphenyl	13.33	154	826219	19.12	ng/ul	99
41) 2-Chloronaphthalene	13.38	162	651160	19.21	ng/ul	98
42) 2-Nitroaniline	13.59	65	197533	20.94	ng/ul	89
44) Dimethylphthalate	13.95	163	895194	19.75	ng/ul	100
45) 2,6-Dinitrotoluene	14.09	165	188126	20.91	ng/ul#	88
47) Acenaphthylene	14.23	152	1048194	19.49	ng/ul	99
48) 3-Nitroaniline	14.42	138	156514	22.36	ng/ul#	78
49) Acenaphthene	14.57	153	715603	19.76	ng/ul	99
50) 2,4-Dinitrophenol	14.66	184	70239	13.75	ng/ul	93
52) 4-Nitrophenol	14.75	109	111471m	18.24	ng/ul	
53) Dibenzofuran	14.90	168	1025485	19.66	ng/ul	99
54) 2,4-Dinitrotoluene	14.89	165	274212	21.03	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	15.14	232	232170	20.01	ng/ul	90
56) Diethylphthalate	15.31	149	929766	18.98	ng/ul	95
58) Fluorene	15.55	166	848945	19.60	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.54	204	456357	20.05	ng/ul	98
60) 4-Nitroaniline	15.59	138	153092	17.71	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.66	198	140940	15.97	ng/ul	95
64) N-Nitrosodiphenylamine	15.76	169	742105	19.47	ng/ul	98
65) 4-Bromophenyl-phenylether	16.43	248	295715	20.28	ng/ul	96
66) Hexachlorobenzene	16.56	284	319027	19.32	ng/ul#	89
67) Atrazine	16.71	200	321871	20.19	ng/ul	93
68) Pentachlorophenol	16.91	266	138077	14.99	ng/ul	97
69) Phenanthrene	17.30	178	1351839	19.51	ng/ul	98
71) Anthracene	17.39	178	1412868	19.70	ng/ul	99
72) Carbazole	17.66	167	1197619	19.73	ng/ul	99
73) Di-n-butylphthalate	18.20	149	1671344	19.83	ng/ul#	98
74) Fluoranthene	19.31	202	1693519	20.25	ng/ul#	92
77) Pyrene	19.67	202	1773953	16.28	ng/ul#	91
78) Butylbenzylphthalate	20.55	149	808706	16.67	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.34	252	479979	14.62	ng/ul#	95
80) Benzo(a)anthracene	21.42	228	2132557	19.87	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.32	149	1220567	16.77	ng/ul	99
82) Chrysene	21.47	228	1799418	17.85	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	2115109	20.58	ng/ul#	85
85) Benzo(b)fluoranthene	23.06	252	1873462	20.42	ng/ul#	96
86) Benzo(k)fluoranthene	23.11	252	1774204	20.06	ng/ul#	95
88) Benzo(a)pyrene	23.67	252	1735574	20.07	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.17	276	1637516	17.83	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.17	278	1364882	17.68	ng/ul#	94
91) Benzo(g,h,i)perylene	26.92	276	1311673	17.44	ng/ul#	92

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012131.D
Acq On : 13 Oct 2017 11:30
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 15 00:23:45 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Manual Integrations APPROVED
Sohil
10/15/2017 12:37:24 PM