Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013488.D
Acq On : 16 Dec 2017 21:55
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02044

Manual Integrations APPROVED
Sohil
12/18/2017 2:11:09 PM

Quant Time: Dec 18 03:17:54 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	237464	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1048215	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	620561	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1456999	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1200521	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	971781	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	33544	7.00	ng/uL	0.00
5) Phenol-d5	6.85	99	403277	19.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	230698	19.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	320028	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	340315	19.39	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	164578	19.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	181073	20.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	360386	19.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	402148	23.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1052964	19.07	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1357917	19.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	171094	17.83	ng/ul	0.00
57) Fluorene-d10	15.32	176	918874	19.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	141936	15.49	ng/ul	0.00
70) Anthracene-d10	17.16	188	1431955	19.62	ng/ul	0.00
76) Pyrene-d10	19.46	212	1425500	23.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	976906	19.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	35342	6.566	ng/uL#	67
4) Benzaldehyde	6.83	77	208649	20.524	ng/ul	93
6) Phenol	6.88	94	394464	19.422	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.10	93	303825	19.565	ng/ul	97
10) 2-Chlorophenol	7.24	128	314630	19.986	ng/ul	99
11) 2-Methylphenol	8.12	108	299319	19.055	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	331155	20.309	ng/ul#	83
14) Acetophenone	8.49	105	504388	18.896	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.48	70	255470	19.000	ng/ul#	67
16) 4-Methylphenol	8.45	108	322911	19.223	ng/ul	93
17) Hexachloroethane	8.73	117	120744	17.617	ng/ul#	77
20) Nitrobenzene	8.87	77	398432	19.027	ng/ul	93
21) Isophorone	9.39	82	699753	18.991	ng/ul#	93
23) 2-Nitrophenol	9.57	139	182590	19.796	ng/ul#	84
24) 2,4-Dimethylphenol	9.64	107	383087	19.043	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	9.87	93	413387	19.170	ng/ul	96
27) 2,4-Dichlorophenol	10.10	162	329910	19.482	ng/ul	90
28) Naphthalene	10.50	128	1051551	19.499	ng/ul	99
30) 4-Chloroaniline	10.62	127	389489	23.876	ng/ul	94
31) Hexachlorobutadiene	10.78	225	224814	18.327	ng/ul	96
32) Caprolactam	11.40	113	105464m	19.486	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	351671	18.931	ng/ul	93
34) 2-Methylnaphthalene	12.12	142	768808	18.964	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013488.D
Acq On : 16 Dec 2017 21:55
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02044

Manual Integrations APPROVED
Sohil
12/18/2017 2:11:09 PM

Quant Time: Dec 18 03:17:54 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	446965	19.961	ng/ul#	94
37) Hexachlorocyclopentadiene	12.46	237	173806	11.793	ng/ul	97
38) 2,4,6-Trichlorophenol	12.74	196	285968	20.485	ng/ul	95
39) 2,4,5-Trichlorophenol	12.82	196	302182	20.378	ng/ul	96
40) 1,1'-Biphenyl	13.15	154	1042018	19.868	ng/ul	98
41) 2-Chloronaphthalene	13.19	162	820894	19.950	ng/ul	99
42) 2-Nitroaniline	13.40	65	246927	20.483	ng/ul	94
44) Dimethylphthalate	13.78	163	999436	18.923	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	215909	20.043	ng/ul	95
47) Acenaphthylene	14.04	152	1251503	19.845	ng/ul	99
48) 3-Nitroaniline	14.23	138	212595	22.080	ng/ul	88
49) Acenaphthene	14.38	153	836866	19.480	ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	101365	17.004	ng/ul#	87
52) 4-Nitrophenol	14.55	109	162235	17.236	ng/ul#	82
53) Dibenzofuran	14.72	168	1230504	19.403	ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	313952	20.035	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.95	232	269442	19.817	ng/ul	97
56) Diethylphthalate	15.15	149	1003197	18.938	ng/ul	94
58) Fluorene	15.37	166	1014050	19.328	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.37	204	536270	18.832	ng/ul	99
60) 4-Nitroaniline	15.40	138	211372	18.606	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.46	198	143091	15.622	ng/ul	93
64) N-Nitrosodiphenylamine	15.58	169	862628	20.099	ng/ul	97
65) 4-Bromophenyl-phenylether	16.26	248	335091	19.564	ng/ul	97
66) Hexachlorobenzene	16.37	284	354846	18.787	ng/ul#	95
67) Atrazine	16.54	200	311482	19.662	ng/ul	96
68) Pentachlorophenol	16.72	266	212563	19.458	ng/ul	97
69) Phenanthrene	17.11	178	1583560	19.131	ng/ul	99
71) Anthracene	17.20	178	1624677	19.202	ng/ul	99
72) Carbazole	17.47	167	1378939	18.948	ng/ul	99
73) Di-n-butylphthalate	18.04	149	1633309	19.225	ng/ul	98
74) Fluoranthene	19.13	202	1791278	17.659	ng/ul#	92
77) Pyrene	19.49	202	1746809	23.950	ng/ul#	91
78) Butylbenzylphthalate	20.40	149	682265	23.941	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.18	252	396240	15.701	ng/ul	96
80) Benzo(a)anthracene	21.24	228	1485294	19.500	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.17	149	906292	21.099	ng/ul#	98
82) Chrysene	21.29	228	1369469	19.379	ng/ul	98
84) Di-n-octyl phthalate	22.05	149	1471362	21.292	ng/ul	98
85) Benzo(b)fluoranthene	22.82	252	1243803	18.987	ng/ul#	96
86) Benzo(k)fluoranthene	22.86	252	1198654	19.443	ng/ul#	97
88) Benzo(a)pyrene	23.38	252	1153194	19.596	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.71	276	1248982	21.391	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.72	278	1081507	21.753	ng/ul#	95
91) Benzo(g,h,i)perylene	26.39	276	1001528	21.746	ng/ul#	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013488.D
Acq On : 16 Dec 2017 21:55
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Dec 18 03:17:54 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02044

Manual Integrations APPROVED
Sohil
12/18/2017 2:11:09 PM