Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009221.D
Acq On : 13 Mar 2017 17:10
Operator : SJ/MA
Sample : SSTD08064
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08064

Manual Integrations APPROVED
mohammad
3/15/2017 4:04:23 PM

Quant Time: Mar 13 17:42:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 17:23:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	134408	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	675685	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	579262	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1341953	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1950539	20.00	ng/ul	0.00
85) Perylene-d12	23.78	264	1951746	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	92346m	32.34	ng/uL	0.00
5) Phenol-d5	7.04	99	1252482	122.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	778892m	129.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	798892	102.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	993275	123.56	ng/ul	0.01
19) Nitrobenzene-d5	9.05	128	430700	88.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	495108	90.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	1014007	101.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	1117250	98.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	3558828	93.51	ng/ul	0.01
46) Acenaphthylene-d8	14.22	160	4238773	93.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	724075	126.47	ng/ul	0.02
57) Fluorene-d10	15.52	176	3167217	95.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	725676	92.59	ng/ul	0.02
70) Anthracene-d10	17.37	188	5434527	92.64	ng/ul	0.01
78) Pyrene-d10	19.66	212	6693845	88.19	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.64	264	7654452	93.31	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	102680	29.58	ng/uL#	69
4) Benzaldehyde	7.03	77	802906	116.42	ng/ul	82
6) Phenol	7.07	94	1322928	123.63	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.30	93	928313	114.28	ng/ul#	81
10) 2-Chlorophenol	7.45	128	822291	104.09	ng/ul#	76
11) 2-Methylphenol	8.32	108	955438	121.68	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.41	45	1520054	165.76	ng/ul#	87
14) Acetophenone	8.71	105	1600790	122.77	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.70	70	1027883	153.70	ng/ul#	79
16) 4-Methylphenol	8.65	108	1076602	126.82	ng/ul	100
17) Hexachloroethane	8.96	117	348391	96.51	ng/ul	96
20) Nitrobenzene	9.09	77	1386725	108.75	ng/ul#	82
21) Isophorone	9.62	82	2703852	119.54	ng/ul#	92
23) 2-Nitrophenol	9.80	139	518752	92.41	ng/ul#	67
24) 2,4-Dimethylphenol	9.85	107	1298640	104.21	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.09	93	1431098	109.00	ng/ul	97
27) 2,4-Dichlorophenol	10.33	162	993868	99.22	ng/ul	98
28) Naphthalene	10.73	128	2849478	88.78	ng/ul	99
30) 4-Chloroaniline	10.85	127	1172864	102.26	ng/ul	100
31) Hexachlorobutadiene	11.00	225	634812	78.11	ng/ul	97
32) Caprolactam	11.65	113	398247m	129.36	ng/ul	
33) 4-Chloro-3-methylphenol	11.96	107	1306941	121.02	ng/ul	92
34) 2-Methylnaphthalene	12.34	142	2306668	100.02	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009221.D
Acq On : 13 Mar 2017 17:10
Operator : SJ/MA
Sample : SSTD08064
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 13 17:42:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 17:23:57 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08064

Manual Integrations APPROVED
mohammad
3/15/2017 4:04:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	1382753	76.18	ng/ul	97
37) Hexachlorocyclopentadiene	12.68	237	831137	118.97	ng/ul	97
38) 2,4,6-Trichlorophenol	12.95	196	948548	90.37	ng/ul	97
39) 2,4,5-Trichlorophenol	13.02	196	1054650	94.56	ng/ul	99
40) 1,1'-Biphenyl	13.35	154	3227365	84.06	ng/ul#	97
41) 2-Chloronaphthalene	13.40	162	2502872	84.47	ng/ul	96
42) 2-Nitroaniline	13.61	65	1124992	126.82	ng/ul#	67
44) Dimethylphthalate	13.98	163	3494074	93.75	ng/ul	99
45) 2,6-Dinitrotoluene	14.11	165	746878	102.11	ng/ul#	82
47) Acenaphthylene	14.24	152	4139513	89.63	ng/ul	99
48) 3-Nitroaniline	14.44	138	723325	100.84	ng/ul#	75
49) Acenaphthene	14.59	153	2884912	90.82	ng/ul	99
50) 2,4-Dinitrophenol	14.64	184	500405	120.12	ng/ul#	84
52) 4-Nitrophenol	14.74	109	817611	143.20	ng/ul#	76
53) Dibenzofuran	14.92	168	4200239	91.47	ng/ul	97
54) 2,4-Dinitrotoluene	14.90	165	1152378	106.53	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.14	232	1041394	99.77	ng/ul	90
56) Diethylphthalate	15.34	149	3731371	99.93	ng/ul	98
58) Fluorene	15.57	166	3675165	97.84	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.56	204	1874880	93.16	ng/ul	91
60) 4-Nitroaniline	15.61	138	785805	120.14	ng/ul#	62
63) 4,6-Dinitro-2-methylphenol	15.66	198	754522	93.40	ng/ul#	88
64) N-Nitrosodiphenylamine	15.78	169	3232264	87.67	ng/ul	99
65) 4-Bromophenyl-phenylether	16.46	248	1240802	82.91	ng/ul#	89
66) Hexachlorobenzene	16.57	284	1336679	80.03	ng/ul	95
67) Atrazine	16.73	200	1328047	88.71	ng/ul	95
68) Pentachlorophenol	16.92	266	917796	100.36	ng/ul	97
69) Phenanthrene	17.32	178	6276020	90.70	ng/ul	100
71) Anthracene	17.40	178	6469820	92.55	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	1333675	66.39	ng/uL	100
73) Pentachlorobenzene	14.84	250	1410254	69.49	ng/uL	98
74) Carbazole	17.68	167	5944627	97.12	ng/ul	99
75) Di-n-butylphthalate	18.22	149	7084836	100.88	ng/ul#	98
76) Fluoranthene	19.33	202	8167887	97.34	ng/ul	97
79) Pyrene	19.69	202	8461885	87.17	ng/ul	97
80) Butylbenzylphthalate	20.57	149	3649675	101.78	ng/ul#	86
81) 3,3'-Dichlorobenzidine	21.36	252	3181774	95.48	ng/ul#	98
82) Benzo(a)anthracene	21.43	228	9207694	90.87	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.34	149	5387504	102.46	ng/ul#	96
84) Chrysene	21.49	228	8622723	88.54	ng/ul	100
86) Di-n-octyl phthalate	22.24	149	9603715	100.76	ng/ul#	86
87) Benzo(b)fluoranthene	23.07	252	9757300	93.57	ng/ul#	97
88) Benzo(k)fluoranthene	23.13	252	9291749	91.83	ng/ul#	97
90) Benzo(a)pyrene	23.69	252	9570859	94.78	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.19	276	11412794	92.16	ng/ul#	92
92) Dibenzo(a,h)anthracene	26.20	278	9608857	92.23	ng/ul#	95
93) Benzo(g,h,i)perylene	26.93	276	9284429	90.02	ng/ul#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009221.D
Acq On : 13 Mar 2017 17:10
Operator : SJ/MA
Sample : SSTD08064
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 13 17:42:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 17:23:57 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08064

Manual Integrations APPROVED
mohammad
3/15/2017 4:04:23 PM