Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
Data File : BM009406.D
Acq On : 25 Mar 2017 06:49
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Manual Integrations APPROVED
mohammad
3/27/2017 1:18:23 PM

Quant Time: Mar 25 07:24:29 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 25 01:48:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	158425	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	618848	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	374620	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	881188	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1171809	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	1091347	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	31950	7.69	ng/uL	0.00
5) Phenol-d5	7.01	99	273482	19.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	195962m	19.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	190064	19.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	204135	19.09	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	90044	19.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	96330	19.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	199787	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	241420	21.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	587975	22.32	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	750076	22.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	102587	21.12	ng/ul	0.00
57) Fluorene-d10	15.49	176	546572	22.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	97775	17.56	ng/ul	0.00
70) Anthracene-d10	17.34	188	873470	20.78	ng/ul	0.00
78) Pyrene-d10	19.63	212	999983	20.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.59	264	1045874	20.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	37150	8.00	ng/uL#	74
4) Benzaldehyde	7.00	77	216401	21.56	ng/ul#	82
6) Phenol	7.03	94	293556	19.15	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.28	93	225001	18.84	ng/ul#	81
10) 2-Chlorophenol	7.42	128	201270	19.61	ng/ul#	80
11) 2-Methylphenol	8.29	108	205544	19.38	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.38	45	371366	19.17	ng/ul#	86
14) Acetophenone	8.68	105	359860	19.73	ng/ul#	75
15) N-Nitroso-di-n-propylamine	8.66	70	207074	19.67	ng/ul#	72
16) 4-Methylphenol	8.62	108	224525	19.50	ng/ul	94
17) Hexachloroethane	8.93	117	95425	19.27	ng/ul	97
20) Nitrobenzene	9.06	77	317608	20.71	ng/ul#	82
21) Isophorone	9.58	82	502464	19.70	ng/ul	94
23) 2-Nitrophenol	9.77	139	105662	20.25	ng/ul#	67
24) 2,4-Dimethylphenol	9.82	107	268562	20.84	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.06	93	301943	20.43	ng/ul	96
27) 2,4-Dichlorophenol	10.29	162	201027	20.65	ng/ul	92
28) Naphthalene	10.70	128	643912	20.56	ng/ul	99
30) 4-Chloroaniline	10.82	127	250638	21.27	ng/ul	99
31) Hexachlorobutadiene	10.97	225	154978	20.33	ng/ul	97
32) Caprolactam	11.59	113	55610	18.54	ng/ul#	33
33) 4-Chloro-3-methylphenol	11.93	107	221776	20.29	ng/ul	90
34) 2-Methylnaphthalene	12.32	142	465046	20.59	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
Data File : BM009406.D
Acq On : 25 Mar 2017 06:49
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Manual Integrations APPROVED
mohammad
3/27/2017 1:18:23 PM

Quant Time: Mar 25 07:24:29 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 25 01:48:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	280614	22.29	ng/ul	95
37) Hexachlorocyclopentadiene	12.65	237	157277	19.92	ng/ul	93
38) 2,4,6-Trichlorophenol	12.92	196	165501	22.46	ng/ul	98
39) 2,4,5-Trichlorophenol	12.99	196	178605	22.46	ng/ul	99
40) 1,1'-Biphenyl	13.33	154	618147	22.33	ng/ul#	95
41) 2-Chloronaphthalene	13.37	162	482979	22.43	ng/ul	97
42) 2-Nitroaniline	13.58	65	177683	22.39	ng/ul#	66
44) Dimethylphthalate	13.95	163	581343	22.12	ng/ul	100
45) 2,6-Dinitrotoluene	14.08	165	115892	22.81	ng/ul#	74
47) Acenaphthylene	14.22	152	751213	22.82	ng/ul	99
48) 3-Nitroaniline	14.41	138	120567	23.02	ng/ul#	71
49) Acenaphthene	14.56	153	533519	23.07	ng/ul	96
50) 2,4-Dinitrophenol	14.62	184	63966	18.33	ng/ul#	83
52) 4-Nitrophenol	14.70	109	119978	21.08	ng/ul#	76
53) Dibenzofuran	14.89	168	761908	22.74	ng/ul	96
54) 2,4-Dinitrotoluene	14.86	165	175228	23.08	ng/ul#	60
55) 2,3,4,6-Tetrachlorophenol	15.12	232	165585	23.11	ng/ul	93
56) Diethylphthalate	15.32	149	610321	22.64	ng/ul	99
58) Fluorene	15.55	166	634777	23.23	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.54	204	324302	22.25	ng/ul	91
60) 4-Nitroaniline	15.57	138	134196	24.12	ng/ul#	68
63) 4,6-Dinitro-2-methylphenol	15.63	198	110169	18.39	ng/ul	92
64) N-Nitrosodiphenylamine	15.76	169	532983	20.05	ng/ul	97
65) 4-Bromophenyl-phenylether	16.43	248	202840	20.55	ng/ul#	88
66) Hexachlorobenzene	16.54	284	226342	20.35	ng/ul#	89
67) Atrazine	16.70	200	199380	19.66	ng/ul	97
68) Pentachlorophenol	16.89	266	131567	19.54	ng/ul	97
69) Phenanthrene	17.29	178	1021496	20.59	ng/ul	98
71) Anthracene	17.38	178	1045633	20.59	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	256006	19.76	ng/uL	97
73) Pentachlorobenzene	14.81	250	255234	19.92	ng/uL	98
74) Carbazole	17.65	167	928699	20.28	ng/ul	97
75) Di-n-butylphthalate	18.20	149	1015334	20.55	ng/ul#	98
76) Fluoranthene	19.30	202	1183495	19.74	ng/ul	98
79) Pyrene	19.66	202	1283253	19.93	ng/ul	99
80) Butylbenzylphthalate	20.55	149	463878	19.75	ng/ul#	79
81) 3,3'-Dichlorobenzidine	21.34	252	454976	20.23	ng/ul#	98
82) Benzo(a)anthracene	21.40	228	1351875	20.29	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.32	149	672666	19.52	ng/ul#	98
84) Chrysene	21.46	228	1284833	20.35	ng/ul	98
86) Di-n-octyl phthalate	22.22	149	1183428	18.68	ng/ul#	86
87) Benzo(b)fluoranthene	23.04	252	1372243	20.82	ng/ul#	97
88) Benzo(k)fluoranthene	23.09	252	1295563	20.63	ng/ul#	97
90) Benzo(a)pyrene	23.64	252	1289213	20.52	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.11	276	1495964	20.91	ng/ul#	92
92) Dibenzo(a,h)anthracene	26.12	278	1259981	20.55	ng/ul#	95
93) Benzo(g,h,i)perylene	26.84	276	1226449	20.57	ng/ul#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
Data File : BM009406.D
Acq On : 25 Mar 2017 06:49
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 25 07:24:29 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 25 01:48:31 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Manual Integrations APPROVED
mohammad
3/27/2017 1:18:23 PM