Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012705.D
Acq On : 04 Nov 2017 13:43
Operator : SJ/JU
Sample : SSTD04090
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04090

Manual Integrations APPROVED
Sohil
11/6/2017 4:23:35 PM

Quant Time: Nov 04 13:44:13 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 14:24:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	82421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	348652	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	222679	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	553202	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	689355	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	702596	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	23177	10.72	ng/uL	0.00
5) Phenol-d5	6.99	99	258167	34.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	137903	25.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	217506	43.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	229318	41.21	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	106617	41.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	125322	45.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	254224	46.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	276721	43.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	780136	49.82	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	951726	48.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	133798	46.34	ng/ul	0.00
57) Fluorene-d10	15.44	176	663525	46.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	155635	44.51	ng/ul	0.00
70) Anthracene-d10	17.29	188	1088043	41.24	ng/ul	0.00
78) Pyrene-d10	19.59	212	1264334	43.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	1369820	42.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	26300	10.886	ng/uL	98
4) Benzaldehyde	6.96	77	143722	27.529	ng/ul	98
6) Phenol	7.01	94	267181	33.506	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.24	93	199018	32.037	ng/ul	99
10) 2-Chlorophenol	7.38	128	222200	41.612	ng/ul	99
11) 2-Methylphenol	8.26	108	204254	37.023	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	164224	16.295	ng/ul#	90
14) Acetophenone	8.63	105	345451	36.408	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.63	70	169943	31.036	ng/ul	98
16) 4-Methylphenol	8.59	108	226543	37.812	ng/ul	96
17) Hexachloroethane	8.89	117	87902	34.116	ng/ul#	74
20) Nitrobenzene	9.02	77	248217	28.727	ng/ul	99
21) Isophorone	9.55	82	463186	32.238	ng/ul	97
23) 2-Nitrophenol	9.72	139	134023	45.594	ng/ul	97
24) 2,4-Dimethylphenol	9.79	107	268885	37.037	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.02	93	282329	33.906	ng/ul	98
27) 2,4-Dichlorophenol	10.26	162	244261	44.546	ng/ul	98
28) Naphthalene	10.66	128	706186	40.020	ng/ul	100
30) 4-Chloroaniline	10.76	127	276275	41.623	ng/ul	99
31) Hexachlorobutadiene	10.94	225	183663	42.761	ng/ul	96
32) Caprolactam	11.55	113	75581m	44.731	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	251098	40.779	ng/ul	96
34) 2-Methylnaphthalene	12.27	142	552225	43.404	ng/ul	100

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012705.D
Acq On : 04 Nov 2017 13:43
Operator : SJ/JU
Sample : SSTD04090
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04090

Manual Integrations APPROVED
Sohil
11/6/2017 4:23:35 PM

Quant Time: Nov 04 13:44:13 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 14:24:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	344362	46.028 ng/ul#	97
37) Hexachlorocyclopentadiene	12.62	237	174168	37.112 ng/ul	98
38) 2,4,6-Trichlorophenol	12.88	196	227805	52.000 ng/ul	98
39) 2,4,5-Trichlorophenol	12.96	196	238714	50.509 ng/ul	98
40) 1,1'-Biphenyl	13.28	154	744652	45.256 ng/ul	99
41) 2-Chloronaphthalene	13.32	162	586433	45.813 ng/ul	94
42) 2-Nitroaniline	13.53	65	153063	32.444 ng/ul	95
44) Dimethylphthalate	13.91	163	775066	49.606 ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	164663	54.534 ng/ul	96
47) Acenaphthylene	14.17	152	918485	46.933 ng/ul	100
48) 3-Nitroaniline	14.36	138	140668	45.183 ng/ul	96
49) Acenaphthene	14.52	153	613356	44.629 ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	104275	50.265 ng/ul	93
52) 4-Nitrophenol	14.67	109	117685	34.779 ng/ul	94
53) Dibenzofuran	14.85	168	910193	45.695 ng/ul	93
54) 2,4-Dinitrotoluene	14.82	165	245853	54.474 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.08	232	229726	53.933 ng/ul#	84
56) Diethylphthalate	15.27	149	766928	47.860 ng/ul	98
58) Fluorene	15.50	166	771982	47.522 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	425714	49.144 ng/ul#	87
60) 4-Nitroaniline	15.53	138	156593	47.354 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.59	198	165333	43.971 ng/ul	97
64) N-Nitrosodiphenylamine	15.71	169	667072	39.963 ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	288907	46.617 ng/ul#	86
66) Hexachlorobenzene	16.50	284	327821	46.953 ng/ul#	84
67) Atrazine	16.66	200	285834	44.898 ng/ul	95
68) Pentachlorophenol	16.85	266	198463	46.947 ng/ul	98
69) Phenanthrene	17.24	178	1226360	39.381 ng/ul	99
71) Anthracene	17.33	178	1292098	40.522 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.25	216	342887	42.160 ng/uL	98
73) Pentachlorobenzene	14.77	250	356099	44.279 ng/uL	99
74) Carbazole	17.60	167	1096141	38.134 ng/ul	98
75) Di-n-butylphthalate	18.16	149	1340237	43.198 ng/ul	99
76) Fluoranthene	19.25	202	1560799	41.462 ng/ul#	93
79) Pyrene	19.62	202	1613373	42.601 ng/ul#	92
80) Butylbenzylphthalate	20.51	149	628341	45.471 ng/ul#	97
81) 3,3'-Dichlorobenzidine	21.29	252	645102	48.769 ng/ul#	97
82) Benzo(a)anthracene	21.36	228	1703147	43.455 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	943570	46.536 ng/ul#	96
84) Chrysene	21.41	228	1525666	41.072 ng/ul	99
86) Di-n-octyl phthalate	22.17	149	1592762	39.061 ng/ul	99
87) Benzo(b)fluoranthene	22.97	252	1773594	41.799 ng/ul#	96
88) Benzo(k)fluoranthene	23.02	252	1692527	41.869 ng/ul#	96
90) Benzo(a)pyrene	23.56	252	1686352	41.684 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.97	276	1916751	41.609 ng/ul#	89
92) Dibenzo(a,h)anthracene	25.98	278	1637634	41.496 ng/ul#	93
93) Benzo(g,h,i)perylene	26.68	276	1544176	40.238 ng/ul#	89

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012705.D
Acq On : 04 Nov 2017 13:43
Operator : SJ/JU
Sample : SSTD04090
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 13:44:13 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 14:24:18 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04090

Manual Integrations APPROVED
Sohil
11/6/2017 4:23:35 PM