Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090617\
Data File : BM011451.D
Acq On : 06 Sep 2017 09:48
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/7/2017 5:45:27 PM

Quant Time: Sep 06 18:15:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	405645	20.00	ng		-0.01
21) Naphthalene-d8	10.79	136	1916402	20.00	ng		-0.02
38) Acenaphthene-d10	14.61	164	1143080	20.00	ng		-0.02
63) Phenanthrene-d10	17.35	188	2635689	20.00	ng		-0.01
75) Chrysene-d12	21.52	240	3325910	20.00	ng		-0.02
86) Perylene-d12	23.89	264	3162359	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1803147	74.82	ng		-0.01
7) Phenol-d6	7.13	99	2727541	81.63	ng		-0.01
23) Nitrobenzene-d5	9.15	82	2533876	87.13	ng		-0.01
41) 2,4,6-Tribromophenol	16.10	330	1018841	77.04	ng		-0.01
44) 2-Fluorobiphenyl	13.23	172	6463552	81.51	ng		-0.02
78) Terphenyl-d14	19.96	244	10392773	77.53	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	363447	36.186	ng	#	100
3) Pyridine	3.83	79	1035075	33.652	ng	#	78
4) n-Nitrosodimethylamine	3.74	42	668964	42.595	ng	#	66
6) Aniline	7.30	93	1559181	34.356	ng		93
8) 2-Chlorophenol	7.54	128	1084148	38.161	ng		88
9) Benzaldehyde	7.12	77	675311	34.767	ng		98
10) Phenol	7.16	94	1440334	39.208	ng	#	76
11) bis(2-Chloroethyl)ether	7.40	93	1195703	40.724	ng	#	81
12) 1,3-Dichlorobenzene	7.87	146	1253658	38.752	ng		98
13) 1,4-Dichlorobenzene	8.02	146	1287392	39.130	ng		98
14) 1,2-Dichlorobenzene	8.33	146	1257215	39.481	ng		97
15) Benzyl Alcohol	8.22	79	788825	32.651	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.51	45	2034656	41.440	ng		92
17) 2-Methylphenol	8.41	107	938277	39.889	ng		96
18) Hexachloroethane	9.06	117	436646	38.769	ng		94
19) n-Nitroso-di-n-propylamine	8.79	70	997634	40.661	ng	#	84
20) 3+4-Methylphenols	8.74	107	1301639	39.883	ng		97
22) Acetophenone	8.80	105	1818331	38.184	ng	#	90
24) Nitrobenzene	9.19	77	1339937	41.815	ng		95
25) Isophorone	9.71	82	2416060	37.078	ng		94
26) 2-Nitrophenol	9.90	139	543127	40.163	ng	#	83
27) 2,4-Dimethylphenol	9.95	122	1133496	37.307	ng		94
28) bis(2-Chloroethoxy)methane	10.19	93	1704408	38.331	ng		99
29) 2,4-Dichlorophenol	10.43	162	1117666	39.318	ng		98
30) 1,2,4-Trichlorobenzene	10.65	180	1211140	38.488	ng		97
31) Naphthalene	10.84	128	4040641	39.052	ng		100
32) Benzoic acid	10.09	122	717841	36.606	ng		98
33) 4-Chloroaniline	10.94	127	1571186m	34.711	ng		
34) Hexachlorobutadiene	11.12	225	663206	36.989	ng		94
35) Caprolactam	11.74	113	367971m	35.944	ng		
36) 4-Chloro-3-methylphenol	12.06	107	1311026	39.267	ng		91
37) 2-Methylnaphthalene	12.44	142	2858457	39.692	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.80	216	1335127	38.813	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	596111	37.802	ng		97

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090617\
Data File : BM011451.D
Acq On : 06 Sep 2017 09:48
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/7/2017 5:45:27 PM

Quant Time: Sep 06 18:15:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.04	196	883389	38.795	ng		97
43) 2,4,5-Trichlorophenol	13.12	196	910391	39.367	ng	#	90
45) 1,1'-Biphenyl	13.44	154	3959442	39.017	ng		96
46) 2-Chloronaphthalene	13.49	162	2912487	38.635	ng		95
47) 2-Nitroaniline	13.69	65	1010717	42.907	ng	#	80
48) Acenaphthylene	14.33	152	4597168	39.139	ng		100
49) Dimethylphthalate	14.06	163	3404793	37.486	ng		100
50) 2,6-Dinitrotoluene	14.18	165	690382	40.143	ng	#	84
51) Acenaphthene	14.67	154	2933254	38.458	ng		99
52) 3-Nitroaniline	14.52	138	890103	39.846	ng		82
53) 2,4-Dinitrophenol	14.72	184	338917	53.687	ng		93
54) Dibenzofuran	15.01	168	4124109	39.213	ng		95
55) 4-Nitrophenol	14.81	139	689468	39.660	ng	#	49
56) 2,4-Dinitrotoluene	14.97	165	948893	40.021	ng		84
57) Fluorene	15.66	166	3829865	41.769	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.23	232	753331	40.257	ng	#	100
59) Diethylphthalate	15.42	149	3572751	38.177	ng		98
60) 4-Chlorophenyl-phenylether	15.64	204	1743981	40.777	ng		94
61) 4-Nitroaniline	15.67	138	950925	40.950	ng		82
62) Azobenzene	15.94	77	3491527	41.398	ng		90
64) 4,6-Dinitro-2-methylphenol	15.73	198	498209	48.317	ng		88
65) n-Nitrosodiphenylamine	15.86	169	3207664	38.622	ng		99
66) 4-Bromophenyl-phenylether	16.54	248	1032203	37.231	ng	#	87
67) Hexachlorobenzene	16.66	284	1178044	36.209	ng	#	89
68) Atrazine	16.80	200	855485	35.146	ng		97
69) Pentachlorophenol	16.99	266	728477	40.786	ng		99
70) Phenanthrene	17.39	178	5912187	40.278	ng		98
71) Anthracene	17.49	178	5932377	40.193	ng		99
72) Carbazole	17.75	167	5691502	40.013	ng		99
73) Di-n-butylphthalate	18.30	149	6601524	39.948	ng		100
74) Fluoranthene	19.40	202	7057024	42.135	ng		94
76) Benzidine	19.59	184	1086868m	16.558	ng		
77) Pyrene	19.76	202	7563810	37.113	ng		98
79) Butylbenzylphthalate	20.64	149	3179596	35.315	ng		90
80) Benzo(a)anthracene	21.50	228	7253951	38.996	ng		98
81) 3,3'-Dichlorobenzidine	21.43	252	2694774	38.157	ng		99
82) Chrysene	21.55	228	6830137	38.956	ng		98
83) Bis(2-ethylhexyl)phthalate	21.41	149	4962932	37.599	ng	#	99
84) Di-n-octyl phthalate	22.33	149	8840671	39.731	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.34	276	7638706	46.706	ng	#	88
87) Benzo(b)fluoranthene	23.17	252	7680829	39.561	ng		99
88) Benzo(k)fluoranthene	23.22	252	7048382	37.864	ng		97
89) Benzo(a)pyrene	23.79	252	6980498	39.863	ng	#	97
90) Dibenzo(a,h)anthracene	26.35	278	6569826	43.838	ng		99
91) Benzo(g,h,i)perylene	27.10	276	6222151	42.960	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090617\
Data File : BM011451.D
Acq On : 06 Sep 2017 09:48
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 06 18:15:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/7/2017 5:45:27 PM