Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM052318\
Data File : BM015287.D
Acq On : 23 May 2018 22:01
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: May 24 02:17:25 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	223942	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	932739	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	478579	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	938907	20.00	ng		0.00
75) Chrysene-d12	21.83	240	874820	20.00	ng		0.00
86) Perylene-d12	24.27	264	874471	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1130123	82.56	ng		0.00
7) Phenol-d6	7.55	99	1495145	83.88	ng		0.00
23) Nitrobenzene-d5	9.59	82	1418057	83.28	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	504825	84.12	ng		0.00
44) 2-Fluorobiphenyl	13.64	172	3174740	82.47	ng		0.00
78) Terphenyl-d14	20.29	244	3366853	84.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	221280	39.131	ng	#	100
3) Pyridine	4.06	79	598696	41.329	ng		87
4) n-Nitrosodimethylamine	3.97	42	334941	42.733	ng	#	67
6) Aniline	7.72	93	920484	41.913	ng		95
8) 2-Chlorophenol	7.96	128	642235	41.575	ng		96
9) Benzaldehyde	7.53	77	469192	41.617	ng		94
10) Phenol	7.57	94	749217	41.393	ng		80
11) bis(2-Chloroethyl)ether	7.81	93	601795	41.916	ng		91
12) 1,3-Dichlorobenzene	8.29	146	715103	40.602	ng	#	95
13) 1,4-Dichlorobenzene	8.44	146	726458	40.793	ng		97
14) 1,2-Dichlorobenzene	8.76	146	694105	41.065	ng		96
15) Benzyl Alcohol	8.65	79	560048	43.452	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.93	45	965661	42.633	ng		94
17) 2-Methylphenol	8.85	107	508349	42.248	ng	#	94
18) Hexachloroethane	9.50	117	269217	42.571	ng		91
19) n-Nitroso-di-n-propylamine	9.22	70	499042	43.928	ng	#	89
20) 3+4-Methylphenols	9.17	107	676203	42.323	ng		94
22) Acetophenone	9.24	105	919201	41.081	ng	#	93
24) Nitrobenzene	9.63	77	725665	40.931	ng		95
25) Isophorone	10.16	82	1265208	43.261	ng		96
26) 2-Nitrophenol	10.35	139	330988	41.610	ng	#	79
27) 2,4-Dimethylphenol	10.39	122	600706	41.638	ng		93
28) bis(2-Chloroethoxy)methane	10.63	93	809332	42.262	ng		100
29) 2,4-Dichlorophenol	10.88	162	573678	41.993	ng		98
30) 1,2,4-Trichlorobenzene	11.10	180	656227	40.773	ng		98
31) Naphthalene	11.29	128	1955990	40.346	ng		99
32) Benzoic acid	10.53	122	345490	41.398	ng		93
33) 4-Chloroaniline	11.40	127	797908	41.242	ng	#	92
34) Hexachlorobutadiene	11.56	225	396258	41.401	ng		96
35) Caprolactam	12.19	113	156538	40.485	ng		92
36) 4-Chloro-3-methylphenol	12.49	107	584086	41.852	ng		91
37) 2-Methylnaphthalene	12.87	142	1387341	41.294	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	696478	41.316	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	426439	41.427	ng		99

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM052318\
Data File : BM015287.D
Acq On : 23 May 2018 22:01
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: May 24 02:17:25 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	432724	42.716	ng		99
43) 2,4,5-Trichlorophenol	13.53	196	463004	42.329	ng	#	88
45) 1,1'-Biphenyl	13.86	154	1711744	40.879	ng		98
46) 2-Chloronaphthalene	13.91	162	1321115	40.994	ng		94
47) 2-Nitroaniline	14.11	65	377505	41.117	ng		90
48) Acenaphthylene	14.74	152	1990252	41.577	ng		100
49) Dimethylphthalate	14.46	163	1562359	40.906	ng	#	99
50) 2,6-Dinitrotoluene	14.59	165	335128	42.058	ng		97
51) Acenaphthene	15.08	154	1205621	40.431	ng		99
52) 3-Nitroaniline	14.92	138	336055	40.052	ng	#	81
53) 2,4-Dinitrophenol	15.13	184	162662	37.916	ng		90
54) Dibenzofuran	15.41	168	1884670	40.087	ng		95
55) 4-Nitrophenol	15.21	139	265449	39.006	ng	#	52
56) 2,4-Dinitrotoluene	15.37	165	436264	39.983	ng	#	79
57) Fluorene	16.05	166	1492328	40.166	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	389569	41.532	ng	#	100
59) Diethylphthalate	15.80	149	1534824	40.765	ng		98
60) 4-Chlorophenyl-phenylether	16.03	204	771405	40.761	ng		97
61) 4-Nitroaniline	16.07	138	343620	39.171	ng	#	71
62) Azobenzene	16.33	77	1520085	42.500	ng		92
64) 4,6-Dinitro-2-methylphenol	16.13	198	213441	41.187	ng		93
65) n-Nitrosodiphenylamine	16.24	169	1276037	42.297	ng		100
66) 4-Bromophenyl-phenylether	16.92	248	451758	43.066	ng	#	91
67) Hexachlorobenzene	17.04	284	506922	41.963	ng	#	91
68) Atrazine	17.17	200	407128	42.543	ng		99
69) Pentachlorophenol	17.38	266	279840	41.615	ng		98
70) Phenanthrene	17.77	178	2163452	40.454	ng		99
71) Anthracene	17.87	178	2202997	41.325	ng		99
72) Carbazole	18.13	167	1906912	40.406	ng		100
73) Di-n-butylphthalate	18.65	149	2409833	43.370	ng		99
74) Fluoranthene	19.75	202	2324259	39.628	ng		98
76) Benzidine	19.92	184	1213216	44.300	ng		99
77) Pyrene	20.10	202	2334800	42.287	ng		99
79) Butylbenzylphthalate	20.95	149	1006360	44.639	ng		92
80) Benzo(a)anthracene	21.82	228	2248310	40.784	ng		99
81) 3,3'-Dichlorobenzidine	21.73	252	848371	41.561	ng		99
82) Chrysene	21.87	228	2101745	40.480	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1467671	44.758	ng		98
84) Di-n-octyl phthalate	22.63	149	2410812	42.035	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.79	276	2531561	40.302	ng	#	90
87) Benzo(b)fluoranthene	23.53	252	2277980	41.171	ng		97
88) Benzo(k)fluoranthene	23.57	252	2131517	40.727	ng		99
89) Benzo(a)pyrene	24.16	252	2136834	41.404	ng	#	98
90) Dibenzo(a,h)anthracene	26.80	278	2159085	41.007	ng		99
91) Benzo(g,h,i)perylene	27.57	276	2077638	40.514	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM052318\
Data File : BM015287.D
Acq On : 23 May 2018 22:01
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: May 24 02:17:25 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration