Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097683.D
Acq On : 15 Aug 2017 11:29
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
8/16/2017 6:45:02 PM

Quant Time: Aug 15 12:21:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 12:05:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132316	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	526206	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	227903	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	423904	20.00	ng		0.00
75) Chrysene-d12	13.94	240	286140	20.00	ng		0.00
86) Perylene-d12	15.36	264	227619	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1000567	114.00	ng		0.00
7) Phenol-d6	6.42	99	1346978	134.43	ng		0.01
23) Nitrobenzene-d5	7.36	82	1199510	133.73	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	240796	133.73	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1617111	120.42	ng		0.00
78) Terphenyl-d14	12.89	244	1538109	109.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	291566	79.601	ng		90
3) Pyridine	3.22	79	814343	72.606	ng		88
4) n-Nitrosodimethylamine	3.19	42	321421	51.728	ng		85
6) Aniline	6.45	93	967617	76.738	ng		98
8) 2-Chlorophenol	6.57	128	524039	55.836	ng		99
9) Benzaldehyde	6.33	77	399696	67.390	ng		87
10) Phenol	6.43	94	812299	68.343	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	597139	63.523	ng		96
12) 1,3-Dichlorobenzene	6.73	146	559789	55.346	ng	#	93
13) 1,4-Dichlorobenzene	6.80	146	562865	56.155	ng	#	94
14) 1,2-Dichlorobenzene	6.96	146	510990	58.386	ng		98
15) Benzyl Alcohol	6.93	79	494208	77.900	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	787676	41.776	ng		91
17) 2-Methylphenol	7.04	107	471839	65.140	ng		96
18) Hexachloroethane	7.30	117	226224	61.692	ng	#	77
19) n-Nitroso-di-n-propylamine	7.22	70	464054	70.358	ng		90
20) 3+4-Methylphenols	7.20	107	543467	57.446	ng		96
22) Acetophenone	7.20	105	751500	59.470	ng	#	87
24) Nitrobenzene	7.37	77	664686	71.151	ng		93
25) Isophorone	7.62	82	1159644	66.015	ng		96
26) 2-Nitrophenol	7.69	139	240190	47.524	ng	#	76
27) 2,4-Dimethylphenol	7.73	122	476629	57.169	ng		94
28) bis(2-Chloroethoxy)methane	7.83	93	741563	64.689	ng		99
29) 2,4-Dichlorophenol	7.93	162	410330	57.130	ng		95
30) 1,2,4-Trichlorobenzene	8.01	180	437081	63.844	ng		98
31) Naphthalene	8.09	128	1511898	60.952	ng		99
32) Benzoic acid	7.87	122	381395	61.263	ng	#	84
33) 4-Chloroaniline	8.14	127	639606	63.371	ng		99
34) Hexachlorobutadiene	8.21	225	249060	68.623	ng		97
35) Caprolactam	8.53	113	144773m	62.861	ng		
36) 4-Chloro-3-methylphenol	8.62	107	514526	65.664	ng	#	79
37) 2-Methylnaphthalene	8.79	142	911362	58.029	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	385603	63.411	ng		98
40) Hexachlorocyclopentadiene	8.94	237	207446	116.879	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097683.D
Acq On : 15 Aug 2017 11:29
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
8/16/2017 6:45:02 PM

Quant Time: Aug 15 12:21:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 12:05:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	282319	64.065	ng		97
43) 2,4,5-Trichlorophenol	9.09	196	278296	63.094	ng		95
45) 1,1'-Biphenyl	9.25	154	1125128	57.799	ng		97
46) 2-Chloronaphthalene	9.27	162	846673	59.105	ng	#	92
47) 2-Nitroaniline	9.37	65	330367	63.548	ng		96
48) Acenaphthylene	9.69	152	1349172	61.361	ng		100
49) Dimethylphthalate	9.56	163	936167	54.093	ng		100
50) 2,6-Dinitrotoluene	9.61	165	208652	56.844	ng	#	50
51) Acenaphthene	9.86	154	850108	65.638	ng		100
52) 3-Nitroaniline	9.78	138	259226	56.896	ng		82
53) 2,4-Dinitrophenol	9.88	184	89233	53.467	ng	#	77
54) Dibenzofuran	10.03	168	1115963	64.690	ng		99
55) 4-Nitrophenol	9.93	139	215308	79.465	ng	#	29
56) 2,4-Dinitrotoluene	10.01	165	266541	63.166	ng	#	44
57) Fluorene	10.37	166	822238	63.416	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	214421	70.406	ng		96
59) Diethylphthalate	10.25	149	968278	60.984	ng		100
60) 4-Chlorophenyl-phenylether	10.37	204	381845	71.318	ng	#	86
61) 4-Nitroaniline	10.40	138	252578	58.344	ng	#	70
62) Azobenzene	10.53	77	1135982	77.123	ng		94
64) 4,6-Dinitro-2-methylphenol	10.42	198	125581	47.675	ng		94
65) n-Nitrosodiphenylamine	10.49	169	811476	55.018	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	248280	58.689	ng		96
67) Hexachlorobenzene	10.92	284	257186	54.213	ng	#	87
68) Atrazine	11.02	200	215107	50.860	ng		97
69) Pentachlorophenol	11.10	266	167619	85.395	ng		98
70) Phenanthrene	11.33	178	1230675	54.184	ng		100
71) Anthracene	11.39	178	1273586	54.747	ng		99
72) Carbazole	11.53	167	1219849	53.318	ng		99
73) Di-n-butylphthalate	11.87	149	1420652	50.234	ng		99
74) Fluoranthene	12.52	202	1320165	59.331	ng		99
76) Benzidine	12.64	184	589885	55.560	ng		99
77) Pyrene	12.74	202	1348897	57.583	ng		99
79) Butylbenzylphthalate	13.37	149	553934	46.487	ng	#	66
80) Benzo(a)anthracene	13.93	228	981400	53.007	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	347572	49.782	ng	#	95
82) Chrysene	13.97	228	980368	54.228	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	600377	38.590	ng	#	100
84) Di-n-octyl phthalate	14.54	149	1055982	36.986	ng		100
85) Indeno(1,2,3-cd)pyrene	16.77	276	764749	49.332	ng		96
87) Benzo(b)fluoranthene	14.96	252	903294	66.017	ng		100
88) Benzo(k)fluoranthene	14.99	252	752409	57.707	ng	#	95
89) Benzo(a)pyrene	15.31	252	767562	61.294	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	653258	63.613	ng		99
91) Benzo(g,h,i)perylene	17.19	276	688783	63.959	ng		93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097683.D
Acq On : 15 Aug 2017 11:29
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 15 12:21:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 12:05:01 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
8/16/2017 6:45:02 PM