Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086636.D
Acq On : 3 May 2016 10:02
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/4/2016 6:51:55 PM

Quant Time: May 03 13:06:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	197401	20.00	ng		-0.06
21) Naphthalene-d8	8.04	136	821074	20.00	ng		-0.06
38) Acenaphthene-d10	9.79	164	381517	20.00	ng		-0.06
63) Phenanthrene-d10	11.28	188	707702	20.00	ng		-0.05
75) Chrysene-d12	13.90	240	479500	20.00	ng		-0.06
86) Perylene-d12	15.30	264	406360	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	895738	78.27	ng		-0.06
7) Phenol-d6	6.40	99	1256719	78.68	ng		-0.05
23) Nitrobenzene-d5	7.32	82	1307222	85.82	ng		-0.06
41) 2,4,6-Tribromophenol	10.59	330	332103	82.54	ng		-0.05
44) 2-Fluorobiphenyl	9.13	172	1992104	93.28	ng		-0.05
78) Terphenyl-d14	12.86	244	1929253	88.64	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	245063	40.76	ng	#	77
3) Pyridine	2.97	79	641230	45.07	ng	#	72
4) n-Nitrosodimethylamine	2.93	42	384972	47.47	ng	#	56
6) Aniline	6.42	93	787193	40.73	ng		98
8) 2-Chlorophenol	6.53	128	546343	38.33	ng		84
9) Benzaldehyde	6.29	77	269760	29.03	ng		99
10) Phenol	6.41	94	676885	37.98	ng	#	64
11) bis(2-Chloroethyl)ether	6.50	93	661598	42.95	ng		94
12) 1,3-Dichlorobenzene	6.69	146	615363	40.14	ng		96
13) 1,4-Dichlorobenzene	6.77	146	633563	40.05	ng		97
14) 1,2-Dichlorobenzene	6.92	146	536848	37.00	ng		96
15) Benzyl Alcohol	6.90	79	404276	40.01	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1211986	39.30	ng		91
17) 2-Methylphenol	7.02	107	480952	41.75	ng	#	92
18) Hexachloroethane	7.26	117	234214	39.62	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	450752	42.69	ng	#	75
20) 3+4-Methylphenols	7.17	107	522648	39.73	ng	#	78
22) Acetophenone	7.17	105	732529	40.69	ng	#	89
24) Nitrobenzene	7.34	77	675797	43.13	ng		99
25) Isophorone	7.58	82	1174530	40.06	ng		99
26) 2-Nitrophenol	7.66	139	320469	44.42	ng		97
27) 2,4-Dimethylphenol	7.71	122	537147	42.43	ng		94
28) bis(2-Chloroethoxy)methane	7.80	93	684314	42.85	ng		99
29) 2,4-Dichlorophenol	7.90	162	464947	43.53	ng		97
30) 1,2,4-Trichlorobenzene	7.98	180	492592	39.75	ng		97
31) Naphthalene	8.06	128	1672309	40.03	ng		99
32) Benzoic acid	7.84	122	349350	46.02	ng		85
33) 4-Chloroaniline	8.12	127	666399	42.59	ng		98
34) Hexachlorobutadiene	8.18	225	271500	39.09	ng		99
35) Caprolactam	8.51	113	157378	44.17	ng		95
36) 4-Chloro-3-methylphenol	8.61	107	503957	41.21	ng		93
37) 2-Methylnaphthalene	8.75	142	949036	38.50	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	434926	39.83	ng		96
40) Hexachlorocyclopentadiene	8.91	237	238872	44.02	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086636.D
Acq On : 3 May 2016 10:02
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/4/2016 6:51:55 PM

Quant Time: May 03 13:06:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	298107	43.18	ng		94
43) 2,4,5-Trichlorophenol	9.08	196	321408	42.72	ng		97
45) 1,1'-Biphenyl	9.22	154	1189163	37.29	ng		96
46) 2-Chloronaphthalene	9.24	162	925275	38.16	ng		93
47) 2-Nitroaniline	9.34	65	372537	47.91	ng		83
48) Acenaphthylene	9.65	152	1392638	36.75	ng		98
49) Dimethylphthalate	9.53	163	1054623	36.72	ng		99
50) 2,6-Dinitrotoluene	9.58	165	233285	39.32	ng	#	70
51) Acenaphthene	9.82	154	946396	38.88	ng		99
52) 3-Nitroaniline	9.76	138	291375	43.18	ng		87
53) 2,4-Dinitrophenol	9.86	184	124820	42.54	ng	#	69
54) Dibenzofuran	10.00	168	1130699	37.16	ng		93
55) 4-Nitrophenol	9.93	139	191504	43.34	ng		89
56) 2,4-Dinitrotoluene	10.00	165	319373	42.22	ng	#	83
57) Fluorene	10.34	166	887245	33.59	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	257186	43.72	ng		98
59) Diethylphthalate	10.22	149	1062688	39.09	ng		98
60) 4-Chlorophenyl-phenylether	10.34	204	481365	40.14	ng		88
61) 4-Nitroaniline	10.37	138	269325	40.83	ng	#	79
62) Azobenzene	10.50	77	1253950	42.11	ng		89
64) 4,6-Dinitro-2-methylphenol	10.40	198	180904	43.54	ng	#	51
65) n-Nitrosodiphenylamine	10.45	169	868003	39.24	ng		100
66) 4-Bromophenyl-phenylether	10.83	248	295777	40.56	ng	#	79
67) Hexachlorobenzene	10.89	284	320254	37.94	ng	#	78
68) Atrazine	10.99	200	299061	45.03	ng		95
69) Pentachlorophenol	11.08	266	192855	43.34	ng		97
70) Phenanthrene	11.30	178	1352587	36.42	ng		98
71) Anthracene	11.36	178	1595951	40.27	ng		100
72) Carbazole	11.50	167	1318437	37.53	ng		98
73) Di-n-butylphthalate	11.85	149	1700568	42.73	ng		99
74) Fluoranthene	12.49	202	1502023	40.06	ng		91
76) Benzidine	12.61	184	597216	36.24	ng		96
77) Pyrene	12.70	202	1449323	41.95	ng		100
79) Butylbenzylphthalate	13.33	149	615039	41.10	ng	#	68
80) Benzo(a)anthracene	13.89	228	1070617	41.88	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	730764	42.76	ng	#	95
82) Chrysene	13.94	228	1259502	45.33	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	752359	40.50	ng	#	94
84) Di-n-octyl phthalate	14.51	149	1297102	44.59	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.63	276	903959	43.90	ng		96
87) Benzo(b)fluoranthene	14.91	252	969689m	40.56	ng		
88) Benzo(k)fluoranthene	14.93	252	956782m	38.37	ng		
89) Benzo(a)pyrene	15.24	252	876761	38.85	ng		98
90) Dibenzo(a,h)anthracene	16.65	278	751950	40.71	ng	#	95
91) Benzo(g,h,i)perylene	17.03	276	752588	40.66	ng		96

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086636.D
Acq On : 3 May 2016 10:02
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 03 13:06:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/4/2016 6:51:55 PM