Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086850.D
Acq On : 10 May 2016 5:13
Operator : UM/SJ
Sample : H2707-08MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Manual Integrations APPROVED
sohil
5/10/2016 11:06:14 AM

Quant Time: May 10 05:48:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	154044	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	617659	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	292584	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	506453	20.00	ng		0.00
75) Chrysene-d12	13.84	240	286704	20.00	ng		0.00
86) Perylene-d12	15.21	264	298378	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1204737	132.45	ng		0.01
7) Phenol-d6	6.36	99	1562771	128.55	ng		0.00
23) Nitrobenzene-d5	7.26	82	1154746	93.88	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	386854	124.89	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1516245	87.10	ng		0.00
78) Terphenyl-d14	12.78	244	1193505	88.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	159229	35.66	ng	#	69
3) Pyridine	2.92	79	437558	40.08	ng	#	68
4) n-Nitrosodimethylamine	2.88	42	371738	46.96	ng	#	49
6) Aniline	6.36	93	362091	24.63	ng	#	35
8) 2-Chlorophenol	6.49	128	520659	47.44	ng		96
9) Benzaldehyde	6.24	77	90748	12.89	ng		93
10) Phenol	6.37	94	703990	48.72	ng		73
11) bis(2-Chloroethyl)ether	6.44	93	529105	46.96	ng		91
12) 1,3-Dichlorobenzene	6.62	146	513723m	43.25	ng		
13) 1,4-Dichlorobenzene	6.70	146	514248m	42.45	ng		
14) 1,2-Dichlorobenzene	6.86	146	494670	46.86	ng		99
15) Benzyl Alcohol	6.85	79	442185	52.68	ng		88
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1022671	41.75	ng		56
17) 2-Methylphenol	6.98	107	430434	49.28	ng	#	82
18) Hexachloroethane	7.20	117	192383	42.21	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	443252	52.17	ng	#	77
20) 3+4-Methylphenols	7.14	107	566312	49.65	ng	#	58
22) Acetophenone	7.12	105	748082	51.28	ng		98
24) Nitrobenzene	7.29	77	640964	50.65	ng		99
25) Isophorone	7.53	82	1087159	47.63	ng		99
26) 2-Nitrophenol	7.61	139	275783	49.58	ng		94
27) 2,4-Dimethylphenol	7.65	122	412950	43.58	ng		88
28) bis(2-Chloroethoxy)methane	7.74	93	695108	56.46	ng		98
29) 2,4-Dichlorophenol	7.86	162	424014	50.84	ng		93
30) 1,2,4-Trichlorobenzene	7.93	180	457654	49.08	ng		99
31) Naphthalene	8.00	128	1455978	47.06	ng		99
32) Benzoic acid	7.77	122	47242	8.49	ng		88
33) 4-Chloroaniline	8.06	127	234764	19.53	ng	#	94
34) Hexachlorobutadiene	8.12	225	258530	47.79	ng		99
35) Caprolactam	8.45	113	139022m	49.00	ng		
36) 4-Chloro-3-methylphenol	8.57	107	478508	47.31	ng		91
37) 2-Methylnaphthalene	8.69	142	962676	53.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	397951	46.78	ng		100
40) Hexachlorocyclopentadiene	8.84	237	210994	52.26	ng		97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086850.D
Acq On : 10 May 2016 5:13
Operator : UM/SJ
Sample : H2707-08MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Manual Integrations APPROVED
sohil
5/10/2016 11:06:14 AM

Quant Time: May 10 05:48:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	274215	48.21	ng		96
43) 2,4,5-Trichlorophenol	9.04	196	283797	48.24	ng		92
45) 1,1'-Biphenyl	9.16	154	1210800	52.03	ng		98
46) 2-Chloronaphthalene	9.18	162	909420	49.88	ng		99
47) 2-Nitroaniline	9.29	65	327597	49.16	ng	#	75
48) Acenaphthylene	9.60	152	1361185	50.76	ng		99
49) Dimethylphthalate	9.47	163	1162310	52.07	ng		99
50) 2,6-Dinitrotoluene	9.53	165	224166	47.72	ng	#	66
51) Acenaphthene	9.77	154	858167	51.44	ng		98
52) 3-Nitroaniline	9.70	138	154318	31.20	ng	#	80
53) 2,4-Dinitrophenol	9.81	184	101372	45.86	ng	#	85
54) Dibenzofuran	9.94	168	1183882	55.28	ng		97
55) 4-Nitrophenol	9.89	139	325053	97.51	ng	#	65
56) 2,4-Dinitrotoluene	9.94	165	292296	50.28	ng		87
57) Fluorene	10.28	166	918743	50.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	245569	55.45	ng		98
59) Diethylphthalate	10.17	149	1074474	49.40	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	385897	49.89	ng		98
61) 4-Nitroaniline	10.32	138	210998	44.42	ng	#	72
62) Azobenzene	10.43	77	1179950	50.28	ng		87
64) 4,6-Dinitro-2-methylphenol	10.34	198	108227	34.40	ng	#	36
65) n-Nitrosodiphenylamine	10.40	169	789321	50.73	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	271356	52.85	ng	#	83
67) Hexachlorobenzene	10.82	284	272008	45.33	ng	#	73
68) Atrazine	10.93	200	286291	55.08	ng		96
69) Pentachlorophenol	11.02	266	272907	98.40	ng		98
70) Phenanthrene	11.23	178	1161602	42.98	ng		100
71) Anthracene	11.29	178	1369667	49.55	ng		100
72) Carbazole	11.45	167	1210727	50.95	ng		99
73) Di-n-butylphthalate	11.78	149	1496084	51.56	ng	#	99
74) Fluoranthene	12.41	202	1078144	38.78	ng		100
76) Benzidine	12.54	184	150445	20.58	ng		95
77) Pyrene	12.64	202	1034555	47.13	ng		100
79) Butylbenzylphthalate	13.26	149	509687	54.90	ng	#	75
80) Benzo(a)anthracene	13.83	228	750135	46.61	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	219964	21.51	ng		99
82) Chrysene	13.86	228	779722	47.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	668963	59.90	ng		98
84) Di-n-octyl phthalate	14.43	149	1005089	54.33	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.50	276	868149	63.73	ng		95
87) Benzo(b)fluoranthene	14.83	252	870230m	44.88	ng		
88) Benzo(k)fluoranthene	14.85	252	680439m	42.85	ng		
89) Benzo(a)pyrene	15.15	252	766836	45.85	ng		97
90) Dibenzo(a,h)anthracene	16.51	278	728288	51.66	ng		97
91) Benzo(g,h,i)perylene	16.89	276	694013	48.45	ng		94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086850.D
Acq On : 10 May 2016 5:13
Operator : UM/SJ
Sample : H2707-08MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 10 05:48:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Manual Integrations APPROVED
sohil
5/10/2016 11:06:14 AM