Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084752.D
Acq On : 2 Feb 2016 18:12
Operator : SJ/IZ
Sample : PB88120BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88120BS

Manual Integrations APPROVED
MMDadoda
2/3/2016 6:25:36 PM

Quant Time: Feb 03 02:32:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	194379	20.00	ng		-0.03
21) Naphthalene-d8	7.98	136	787251	20.00	ng		-0.03
38) Acenaphthene-d10	9.74	164	385054	20.00	ng		-0.02
63) Phenanthrene-d10	11.22	188	722338	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	531236	20.00	ng		-0.02
86) Perylene-d12	15.23	264	480921	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1230664	98.62	ng		-0.01
7) Phenol-d6	6.35	99	1631159	105.43	ng		-0.02
23) Nitrobenzene-d5	7.28	82	1051889	75.27	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	454843	113.25	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	1871415	80.34	ng		-0.02
78) Terphenyl-d14	12.81	244	1876962	80.06	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	151699	27.75	ng	#	72
3) Pyridine	2.93	79	471985	33.14	ng	#	75
4) n-Nitrosodimethylamine	2.89	42	246711	33.49	ng	#	78
6) Aniline	6.36	93	203823	10.77	ng	#	1
8) 2-Chlorophenol	6.49	128	499341	35.35	ng		96
9) Benzaldehyde	6.24	77	165406	18.10	ng		94
10) Phenol	6.37	94	495541	28.59	ng		82
11) bis(2-Chloroethyl)ether	6.44	93	441783m	32.69	ng		
12) 1,3-Dichlorobenzene	6.64	146	475106	31.83	ng	#	93
13) 1,4-Dichlorobenzene	6.72	146	498736	33.43	ng		95
14) 1,2-Dichlorobenzene	6.86	146	427651	30.78	ng		96
15) Benzyl Alcohol	6.85	79	378275	35.41	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.99	45	723532	31.83	ng		88
17) 2-Methylphenol	6.98	107	399839	35.79	ng	#	93
18) Hexachloroethane	7.21	117	185208	32.24	ng		94
19) n-Nitroso-di-n-propylamine	7.13	70	337234	34.77	ng	#	77
20) 3+4-Methylphenols	7.13	107	489109	35.27	ng	#	81
22) Acetophenone	7.12	105	665066	32.05	ng		100
24) Nitrobenzene	7.29	77	483345	32.30	ng		98
25) Isophorone	7.53	82	896118	32.98	ng		97
26) 2-Nitrophenol	7.61	139	269045	36.45	ng	#	89
27) 2,4-Dimethylphenol	7.65	122	425130	33.11	ng		97
28) bis(2-Chloroethoxy)methane	7.74	93	531261	32.95	ng		99
29) 2,4-Dichlorophenol	7.86	162	392578	35.74	ng		92
30) 1,2,4-Trichlorobenzene	7.93	180	398228	32.10	ng		95
31) Naphthalene	8.01	128	1310610	33.19	ng		100
32) Benzoic acid	7.79	122	241168	29.37	ng		96
33) 4-Chloroaniline	8.06	127	101614	6.22	ng		96
34) Hexachlorobutadiene	8.13	225	242690	33.92	ng		97
35) Caprolactam	8.44	113	129905m	38.37	ng		
36) 4-Chloro-3-methylphenol	8.57	107	474154	37.84	ng		96
37) 2-Methylnaphthalene	8.70	142	954816	38.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	355536	29.07	ng		98
40) Hexachlorocyclopentadiene	8.85	237	366633	71.15	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084752.D
Acq On : 2 Feb 2016 18:12
Operator : SJ/IZ
Sample : PB88120BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 02:32:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB88120BS

Manual Integrations APPROVED
MMDadoda
2/3/2016 6:25:36 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	274123	34.79	ng		94
43) 2,4,5-Trichlorophenol	9.02	196	268338	33.52	ng	#	82
45) 1,1'-Biphenyl	9.16	154	1043220	30.33	ng		97
46) 2-Chloronaphthalene	9.18	162	778904	30.75	ng		96
47) 2-Nitroaniline	9.29	65	250183	31.20	ng		98
48) Acenaphthylene	9.60	152	1251265	32.56	ng		98
49) Dimethylphthalate	9.48	163	1023753	34.91	ng	#	92
50) 2,6-Dinitrotoluene	9.54	165	233901	36.51	ng		96
51) Acenaphthene	9.77	154	815999	32.63	ng		98
52) 3-Nitroaniline	9.70	138	64294	8.93	ng	#	86
53) 2,4-Dinitrophenol	9.81	184	222407	75.56	ng	#	90
54) Dibenzofuran	9.95	168	1184802	38.77	ng		99
55) 4-Nitrophenol	9.88	139	288778	54.58	ng	#	75
56) 2,4-Dinitrotoluene	9.94	165	296599	36.30	ng	#	87
57) Fluorene	10.28	166	868366	34.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	220233	36.14	ng		93
59) Diethylphthalate	10.18	149	1028111	35.90	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	410829	37.03	ng		96
61) 4-Nitroaniline	10.32	138	214371	30.56	ng		94
62) Azobenzene	10.44	77	1081138	39.26	ng		93
64) 4,6-Dinitro-2-methylphenol	10.35	198	161986	36.33	ng		76
65) n-Nitrosodiphenylamine	10.41	169	849032	37.02	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	277764	34.82	ng		97
67) Hexachlorobenzene	10.83	284	291122	33.49	ng	#	87
68) Atrazine	10.93	200	247409	34.16	ng		97
69) Pentachlorophenol	11.04	266	280576	68.68	ng		99
70) Phenanthrene	11.24	178	1291629	32.24	ng		97
71) Anthracene	11.30	178	1468800	36.38	ng		100
72) Carbazole	11.46	167	1307302	37.14	ng		97
73) Di-n-butylphthalate	11.79	149	1449998	32.35	ng	#	96
74) Fluoranthene	12.43	202	1509784	37.23	ng		93
76) Benzidine	12.56	184	251310	16.29	ng		97
77) Pyrene	12.65	202	1397226	34.35	ng		99
79) Butylbenzylphthalate	13.29	149	678555	36.78	ng	#	86
80) Benzo(a)anthracene	13.84	228	1186507	35.99	ng		98
81) 3,3'-Dichlorobenzidine	13.80	252	153478	13.15	ng	#	95
82) Chrysene	13.88	228	1123324	35.13	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	818455	35.64	ng	#	97
84) Di-n-octyl phthalate	14.45	149	1282382	33.85	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.52	276	915271	36.37	ng		98
87) Benzo(b)fluoranthene	14.84	252	1247220m	38.60	ng		
88) Benzo(k)fluoranthene	14.88	252	739961m	27.70	ng		
89) Benzo(a)pyrene	15.17	252	908033	32.98	ng		97
90) Dibenzo(a,h)anthracene	16.55	278	750670	32.39	ng	#	94
91) Benzo(g,h,i)perylene	16.91	276	771834	33.06	ng		100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084752.D
Acq On : 2 Feb 2016 18:12
Operator : SJ/IZ
Sample : PB88120BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 02:32:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB88120BS

Manual Integrations APPROVED
MMDadoda
2/3/2016 6:25:36 PM