Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
Data File : BF082658.D
Acq On : 3 Nov 2015 13:59
Operator : UM/IZ
Sample : PB86403BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Manual Integrations APPROVED
Mmdadoda
11/4/2015 5:26:11 PM

Quant Time: Nov 04 03:31:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	172575	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	688416	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	370330	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	670714	20.00	ng		0.00
75) Chrysene-d12	14.07	240	588450	20.00	ng		0.01
86) Perylene-d12	15.55	264	478446	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1267962	110.66	ng		0.01
7) Phenol-d6	6.51	99	1684376	110.65	ng		0.00
23) Nitrobenzene-d5	7.45	82	1286023	76.28	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	487658	120.32	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	2126688	81.53	ng		0.00
78) Terphenyl-d14	13.00	244	2188681	81.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	158451	29.91	ng		92
3) Pyridine	3.26	79	515803	33.21	ng		94
4) n-Nitrosodimethylamine	3.21	42	263772	30.17	ng		94
6) Aniline	6.53	93	469403	22.15	ng		90
8) 2-Chlorophenol	6.66	128	457260	36.88	ng	#	74
9) Benzaldehyde	6.42	77	188552	18.14	ng		89
10) Phenol	6.52	94	566918	32.87	ng		100
11) bis(2-Chloroethyl)ether	6.61	93	478901	37.64	ng		92
12) 1,3-Dichlorobenzene	6.82	146	512990m	36.29	ng		
13) 1,4-Dichlorobenzene	6.90	146	549257	39.18	ng		95
14) 1,2-Dichlorobenzene	7.05	146	475528	36.54	ng		93
15) Benzyl Alcohol	7.02	79	545763	38.45	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.16	45	729856	36.09	ng		97
17) 2-Methylphenol	7.14	107	440567	41.80	ng		96
18) Hexachloroethane	7.40	117	197203	36.04	ng	#	81
19) n-Nitroso-di-n-propylamine	7.30	70	418993	36.31	ng		88
20) 3+4-Methylphenols	7.29	107	503353	36.74	ng		93
22) Acetophenone	7.29	105	693596	34.22	ng	#	85
24) Nitrobenzene	7.46	77	567534	33.31	ng		89
25) Isophorone	7.71	82	1080649	34.84	ng	#	95
26) 2-Nitrophenol	7.78	139	237302	38.12	ng	#	83
27) 2,4-Dimethylphenol	7.82	122	497583	40.95	ng		93
28) bis(2-Chloroethoxy)methane	7.92	93	590036	34.78	ng		98
29) 2,4-Dichlorophenol	8.02	162	415716	37.53	ng		86
30) 1,2,4-Trichlorobenzene	8.11	180	446955	36.36	ng		98
31) Naphthalene	8.19	128	1370129	36.78	ng		99
32) Benzoic acid	7.94	122	297787	33.78	ng		96
33) 4-Chloroaniline	8.24	127	228025	14.34	ng	#	87
34) Hexachlorobutadiene	8.32	225	290145	37.12	ng		99
35) Caprolactam	8.60	113	144395m	42.49	ng		
36) 4-Chloro-3-methylphenol	8.72	107	469060	35.96	ng		96
37) 2-Methylnaphthalene	8.89	142	928158	38.45	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	417253	33.77	ng		98
40) Hexachlorocyclopentadiene	9.05	237	610269	78.55	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
Data File : BF082658.D
Acq On : 3 Nov 2015 13:59
Operator : UM/IZ
Sample : PB86403BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86403BS

Manual Integrations APPROVED
Mmdadoda
11/4/2015 5:26:11 PM

Quant Time: Nov 04 03:31:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	334398m	37.48	ng		
43) 2,4,5-Trichlorophenol	9.20	196	324801m	36.53	ng		
45) 1,1'-Biphenyl	9.34	154	1054590	33.71	ng		96
46) 2-Chloronaphthalene	9.37	162	839078	34.35	ng		94
47) 2-Nitroaniline	9.46	65	324631	34.19	ng		93
48) Acenaphthylene	9.79	152	1515089	38.78	ng		99
49) Dimethylphthalate	9.65	163	1199332	39.65	ng		99
50) 2,6-Dinitrotoluene	9.71	165	258216	41.19	ng	#	67
51) Acenaphthene	9.96	154	1047744	42.24	ng		99
52) 3-Nitroaniline	9.87	138	142273	20.40	ng	#	78
53) 2,4-Dinitrophenol	9.97	184	238599	72.16	ng	#	37
54) Dibenzofuran	10.13	168	1341792	39.87	ng		94
55) 4-Nitrophenol	10.03	139	371789	70.85	ng	#	80
56) 2,4-Dinitrotoluene	10.11	165	360093	42.48	ng		89
57) Fluorene	10.48	166	1087339	40.05	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	278627	37.08	ng		96
59) Diethylphthalate	10.35	149	1096188	35.60	ng		97
60) 4-Chlorophenyl-phenylether	10.46	204	462195	35.03	ng	#	83
61) 4-Nitroaniline	10.49	138	251239	37.75	ng	#	82
62) Azobenzene	10.62	77	1255741	36.16	ng		89
64) 4,6-Dinitro-2-methylphenol	10.52	198	181440	44.85	ng		76
65) n-Nitrosodiphenylamine	10.59	169	914259	39.65	ng		98
66) 4-Bromophenyl-phenylether	10.96	248	311339	40.96	ng	#	78
67) Hexachlorobenzene	11.02	284	335119	39.76	ng	#	80
68) Atrazine	11.12	200	350970	46.53	ng		97
69) Pentachlorophenol	11.22	266	459032	82.60	ng		99
70) Phenanthrene	11.44	178	1618507	42.78	ng		99
71) Anthracene	11.48	178	1441573	37.85	ng		99
72) Carbazole	11.64	167	1418149	42.74	ng		97
73) Di-n-butylphthalate	11.98	149	1874675	44.39	ng	#	97
74) Fluoranthene	12.63	202	1702498	44.02	ng		96
76) Benzidine	12.74	184	502300	18.93	ng		99
77) Pyrene	12.85	202	1748370	40.12	ng		99
79) Butylbenzylphthalate	13.48	149	857122	44.91	ng		91
80) Benzo(a)anthracene	14.05	228	1454218	38.90	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	325467	25.27	ng	#	95
82) Chrysene	14.09	228	1283052	37.87	ng		100
83) Bis(2-ethylhexyl)phthalate	14.07	149	1147079	46.36	ng	#	99
84) Di-n-octyl phthalate	14.71	149	1806204	46.80	ng		98
85) Indeno(1,2,3-cd)pyrene	16.98	276	1143099	40.88	ng		99
87) Benzo(b)fluoranthene	15.13	252	1346455	40.81	ng	#	98
88) Benzo(k)fluoranthene	15.16	252	924318m	36.78	ng		
89) Benzo(a)pyrene	15.49	252	1075277	41.39	ng	#	97
90) Dibenzo(a,h)anthracene	17.00	278	964411	39.78	ng		96
91) Benzo(g,h,i)perylene	17.40	276	931609	39.65	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
Data File : BF082658.D
Acq On : 3 Nov 2015 13:59
Operator : UM/IZ
Sample : PB86403BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 03:31:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Manual Integrations APPROVED
Mmdadoda
11/4/2015 5:26:11 PM