Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082900.D
Acq On : 13 Nov 2015 16:34
Operator : UM/IZ
Sample : G4376-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-4-6FTMSD

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:44:00 PM

Quant Time: Nov 13 22:48:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	251117	20.00	ng		-0.06
21) Naphthalene-d8	8.09	136	1005133	20.00	ng		-0.06
38) Acenaphthene-d10	9.85	164	528899	20.00	ng		-0.05
63) Phenanthrene-d10	11.32	188	935831	20.00	ng		-0.06
75) Chrysene-d12	13.96	240	805621	20.00	ng		-0.06
86) Perylene-d12	15.39	264	811152	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1103976	68.40	ng		-0.05
7) Phenol-d6	6.44	99	1601154	74.62	ng		-0.03
23) Nitrobenzene-d5	7.37	82	1093673	47.35	ng		-0.04
41) 2,4,6-Tribromophenol	10.64	330	399124	65.81	ng		-0.04
44) 2-Fluorobiphenyl	9.17	172	1638670	44.41	ng		-0.05
78) Terphenyl-d14	12.91	244	1562363	46.00	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	160080	22.99	ng		96
3) Pyridine	3.09	79	435972	21.58	ng		93
4) n-Nitrosodimethylamine	3.02	42	212380	21.19	ng	#	71
6) Aniline	6.45	93	435856	14.47	ng	#	1
8) 2-Chlorophenol	6.58	128	395637	22.11	ng	#	76
9) Benzaldehyde	6.34	77	31210m	2.63	ng		
10) Phenol	6.45	94	682555	28.04	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	412267	22.64	ng		93
12) 1,3-Dichlorobenzene	6.74	146	462135m	22.90	ng		
13) 1,4-Dichlorobenzene	6.82	146	474233m	22.59	ng		
14) 1,2-Dichlorobenzene	6.97	146	426598	22.34	ng		95
15) Benzyl Alcohol	6.94	79	453082	24.05	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.08	45	685121	25.65	ng		99
17) 2-Methylphenol	7.06	107	349346	23.05	ng		97
18) Hexachloroethane	7.31	117	164665	21.93	ng		91
19) n-Nitroso-di-n-propylamine	7.22	70	342803	21.73	ng		87
20) 3+4-Methylphenols	7.22	107	464656	23.58	ng	#	74
22) Acetophenone	7.21	105	599057	20.80	ng	#	95
24) Nitrobenzene	7.38	77	459065	19.43	ng		90
25) Isophorone	7.63	82	967846	22.64	ng	#	94
26) 2-Nitrophenol	7.70	139	212809	21.58	ng	#	75
27) 2,4-Dimethylphenol	7.74	122	375485	21.19	ng		92
28) bis(2-Chloroethoxy)methane	7.84	93	536466	22.25	ng	#	97
29) 2,4-Dichlorophenol	7.95	162	389015	24.29	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	391898	21.76	ng		97
31) Naphthalene	8.11	128	1256227	22.65	ng		99
32) Benzoic acid	7.82	122	57635	4.75	ng		91
33) 4-Chloroaniline	8.16	127	235177	9.84	ng	#	88
34) Hexachlorobutadiene	8.24	225	231028	20.50	ng		99
35) Caprolactam	8.51	113	120836	23.94	ng	#	90
36) 4-Chloro-3-methylphenol	8.65	107	397062	21.09	ng		90
37) 2-Methylnaphthalene	8.81	142	791559m	22.06	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	343101	19.74	ng		99
40) Hexachlorocyclopentadiene	8.97	237	417642	44.73	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082900.D
Acq On : 13 Nov 2015 16:34
Operator : UM/IZ
Sample : G4376-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:44:00 PM

Quant Time: Nov 13 22:48:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	272019	20.97	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	290113	22.61	ng	#	86
45) 1,1'-Biphenyl	9.26	154	921935	20.31	ng		95
46) 2-Chloronaphthalene	9.29	162	737714	20.84	ng		96
47) 2-Nitroaniline	9.38	65	254543	19.38	ng	#	86
48) Acenaphthylene	9.70	152	1212872	21.86	ng		98
49) Dimethylphthalate	9.57	163	1410290	32.55	ng		99
50) 2,6-Dinitrotoluene	9.63	165	226737	24.52	ng	#	75
51) Acenaphthene	9.88	154	799065	22.72	ng		99
52) 3-Nitroaniline	9.79	138	153314	15.08	ng	#	80
53) 2,4-Dinitrophenol	9.89	184	141733	27.92	ng	#	30
54) Dibenzofuran	10.05	168	1127724	23.79	ng	#	84
55) 4-Nitrophenol	9.96	139	314988	40.38	ng		83
56) 2,4-Dinitrotoluene	10.03	165	302786	24.14	ng	#	85
57) Fluorene	10.38	166	811409	21.13	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	237281	22.66	ng	#	89
59) Diethylphthalate	10.27	149	910952	21.53	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	410593	21.37	ng		92
61) 4-Nitroaniline	10.41	138	236181	23.10	ng	#	69
62) Azobenzene	10.54	77	1124500	24.74	ng		94
64) 4,6-Dinitro-2-methylphenol	10.44	198	150362	22.55	ng		76
65) n-Nitrosodiphenylamine	10.50	169	720532	21.31	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	268922	23.86	ng	#	95
67) Hexachlorobenzene	10.94	284	289255	22.99	ng	#	60
68) Atrazine	11.04	200	294928	28.21	ng		95
69) Pentachlorophenol	11.14	266	318236	41.65	ng		98
70) Phenanthrene	11.35	178	1227243	22.58	ng		98
71) Anthracene	11.40	178	1396341	24.39	ng		99
72) Carbazole	11.55	167	1102799	22.01	ng		99
73) Di-n-butylphthalate	11.89	149	1414041	22.65	ng		99
74) Fluoranthene	12.53	202	1365547	23.42	ng		99
76) Benzidine	12.66	184	539664	19.99	ng		98
77) Pyrene	12.76	202	1440859	26.04	ng		98
79) Butylbenzylphthalate	13.39	149	670447	27.43	ng		95
80) Benzo(a)anthracene	13.95	228	1254909	24.91	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	267577	14.94	ng	#	97
82) Chrysene	14.00	228	1191313	25.82	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	905972	27.08	ng	#	98
84) Di-n-octyl phthalate	14.58	149	1592852	28.54	ng		97
85) Indeno(1,2,3-cd)pyrene	16.76	276	1060096	26.68	ng	#	94
87) Benzo(b)fluoranthene	14.99	252	1112446	21.37	ng	#	98
88) Benzo(k)fluoranthene	15.03	252	1127281m	24.41	ng		
89) Benzo(a)pyrene	15.33	252	1040440	23.06	ng	#	97
90) Dibenzo(a,h)anthracene	16.77	278	907970	23.77	ng	#	97
91) Benzo(g,h,i)perylene	17.17	276	852581	23.30	ng	#	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082900.D
Acq On : 13 Nov 2015 16:34
Operator : UM/IZ
Sample : G4376-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 13 22:48:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:44:00 PM