Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082239.D
Acq On : 13 Oct 2015 2:58
Operator : UM/IZ
Sample : G3990-14MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW(40)MSD

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:25:10 PM

Quant Time: Oct 13 06:42:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 06:28:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	62653m	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	249042	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	126187	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	253704	20.00	ng		0.00
75) Chrysene-d12	14.01	240	237716	20.00	ng		0.00
86) Perylene-d12	15.44	264	192638	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	208304	67.10	ng		0.00
7) Phenol-d6	6.47	99	176330	43.65	ng		0.00
23) Nitrobenzene-d5	7.41	82	409720	110.48	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	195678	165.35	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	788389	103.61	ng		0.00
78) Terphenyl-d14	12.95	244	809776	90.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	28675	18.38	ng	#	95
3) Pyridine	3.15	79	53520	14.75	ng		97
4) n-Nitrosodimethylamine	3.09	42	22946	14.91	ng	#	99
6) Aniline	6.49	93	132638	25.47	ng		96
8) 2-Chlorophenol	6.62	128	159276	42.03	ng		93
9) Benzaldehyde	6.38	77	109354	53.01	ng		96
10) Phenol	6.48	94	73408	15.76	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	198335	50.35	ng		99
12) 1,3-Dichlorobenzene	6.77	146	181602m	41.15	ng		
13) 1,4-Dichlorobenzene	6.85	146	188352m	40.87	ng		
14) 1,2-Dichlorobenzene	7.01	146	187901	42.93	ng	#	91
15) Benzyl Alcohol	6.98	79	93156	33.40	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	277377	50.57	ng		95
17) 2-Methylphenol	7.10	107	100182	33.43	ng		99
18) Hexachloroethane	7.34	117	60460	38.32	ng	#	89
19) n-Nitroso-di-n-propylamine	7.25	70	138201m	48.71	ng		
20) 3+4-Methylphenols	7.25	107	105407	29.52	ng	#	25
22) Acetophenone	7.25	105	260417	52.86	ng		94
24) Nitrobenzene	7.43	77	191102	47.61	ng	#	79
25) Isophorone	7.66	82	362329	48.41	ng		99
26) 2-Nitrophenol	7.74	139	100880	50.33	ng	#	87
27) 2,4-Dimethylphenol	7.78	122	147297	45.61	ng		94
28) bis(2-Chloroethoxy)methane	7.87	93	233575	53.63	ng		99
29) 2,4-Dichlorophenol	7.98	162	157825	48.89	ng		93
30) 1,2,4-Trichlorobenzene	8.06	180	163392	43.91	ng		98
31) Naphthalene	8.15	128	510190	47.26	ng		99
32) Benzoic acid	7.86	122	28311	13.06	ng		98
33) 4-Chloroaniline	8.19	127	125990	28.10	ng		97
34) Hexachlorobutadiene	8.25	225	90318	38.96	ng		98
35) Caprolactam	8.57	113	6830	7.29	ng		91
36) 4-Chloro-3-methylphenol	8.67	107	148333	46.99	ng		98
37) 2-Methylnaphthalene	8.83	142	387198	51.74	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	183166	48.80	ng		97
40) Hexachlorocyclopentadiene	8.98	237	147537	77.92	ng		97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082239.D
Acq On : 13 Oct 2015 2:58
Operator : UM/IZ
Sample : G3990-14MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:25:10 PM

Quant Time: Oct 13 06:42:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 06:28:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	119606	47.98	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	139588	51.69	ng	#	93
45) 1,1'-Biphenyl	9.30	154	504106	52.39	ng		96
46) 2-Chloronaphthalene	9.33	162	393284	51.92	ng		96
47) 2-Nitroaniline	9.43	65	120951	58.16	ng	#	84
48) Acenaphthylene	9.74	152	583427	49.44	ng		99
49) Dimethylphthalate	9.61	163	469744	52.86	ng	#	98
50) 2,6-Dinitrotoluene	9.67	165	95911	51.15	ng	#	77
51) Acenaphthene	9.91	154	351291	49.59	ng		98
52) 3-Nitroaniline	9.84	138	62684	29.60	ng		93
53) 2,4-Dinitrophenol	9.95	184	107241	100.57	ng	#	86
54) Dibenzofuran	10.08	168	529360	54.43	ng		97
55) 4-Nitrophenol	10.01	139	40187	35.15	ng		96
56) 2,4-Dinitrotoluene	10.08	165	138154	58.95	ng	#	89
57) Fluorene	10.42	166	410703	51.41	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	124095	56.24	ng		92
59) Diethylphthalate	10.31	149	473838	57.21	ng		96
60) 4-Chlorophenyl-phenylether	10.42	204	207260	56.64	ng	#	83
61) 4-Nitroaniline	10.46	138	103242	50.26	ng		95
62) Azobenzene	10.58	77	448189	55.29	ng		89
64) 4,6-Dinitro-2-methylphenol	10.48	198	71963	50.54	ng	#	72
65) n-Nitrosodiphenylamine	10.54	169	286742	37.75	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	131109	51.64	ng	#	83
67) Hexachlorobenzene	10.97	284	139967	50.97	ng	#	78
68) Atrazine	11.07	200	142352	59.15	ng		97
69) Pentachlorophenol	11.17	266	145756	103.15	ng		97
70) Phenanthrene	11.39	178	691214	55.58	ng		99
71) Anthracene	11.44	178	691422	53.96	ng		99
72) Carbazole	11.60	167	624503	53.42	ng		99
73) Di-n-butylphthalate	11.93	149	759846	52.69	ng	#	98
74) Fluoranthene	12.58	202	752517	56.34	ng		96
76) Benzidine	12.71	184	175628	25.49	ng		98
77) Pyrene	12.81	202	761903	54.01	ng		98
79) Butylbenzylphthalate	13.43	149	353833	54.96	ng		89
80) Benzo(a)anthracene	14.00	228	657943	53.20	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	104143	22.18	ng	#	98
82) Chrysene	14.04	228	666972	51.18	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	437833	47.67	ng	#	95
84) Di-n-octyl phthalate	14.60	149	738145	46.79	ng		100
85) Indeno(1,2,3-cd)pyrene	16.86	276	571076	55.13	ng		100
87) Benzo(b)fluoranthene	15.03	252	566216	48.31	ng		99
88) Benzo(k)fluoranthene	15.06	252	592720m	60.17	ng		
89) Benzo(a)pyrene	15.38	252	532945	52.91	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	474299	57.46	ng		98
91) Benzo(g,h,i)perylene	17.28	276	483989	60.36	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082239.D
Acq On : 13 Oct 2015 2:58
Operator : UM/IZ
Sample : G3990-14MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 13 06:42:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 06:28:22 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:25:10 PM