Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081962.D
Acq On : 2 Oct 2015 2:45
Operator : UM/IZ
Sample : G3857-09MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1-COMPMSD

Manual Integrations APPROVED
MMDadoda
10/2/2015 6:04:57 PM

Quant Time: Oct 02 08:16:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	115152	20.00	ng		-0.03
21) Naphthalene-d8	8.18	136	457063	20.00	ng		-0.03
38) Acenaphthene-d10	9.94	164	224077	20.00	ng		-0.03
63) Phenanthrene-d10	11.43	188	439052	20.00	ng		-0.03
75) Chrysene-d12	14.06	240	359548	20.00	ng		-0.06
86) Perylene-d12	15.51	264	281035	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	732994	115.55	ng		-0.01
7) Phenol-d6	6.54	99	981632	122.98	ng		-0.02
23) Nitrobenzene-d5	7.46	82	677947	98.87	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	315233	138.91	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1246389	95.31	ng		-0.05
78) Terphenyl-d14	13.01	244	1293855	140.77	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	109466	39.68	ng	#	73
3) Pyridine	3.41	79	207508	28.89	ng		85
4) n-Nitrosodimethylamine	3.34	42	125025	38.33	ng		97
6) Aniline	6.57	93	113430	10.58	ng	#	82
8) 2-Chlorophenol	6.69	128	326421	46.60	ng		96
9) Benzaldehyde	6.45	77	19765	3.78	ng	#	79
10) Phenol	6.55	94	362197	40.45	ng		81
11) bis(2-Chloroethyl)ether	6.64	93	343300	49.44	ng		95
12) 1,3-Dichlorobenzene	6.83	146	347723m	42.02	ng		
13) 1,4-Dichlorobenzene	6.91	146	378949m	43.86	ng		
14) 1,2-Dichlorobenzene	7.07	146	345969	44.94	ng		98
15) Benzyl Alcohol	7.04	79	228192	39.60	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.18	45	456273	46.48	ng		79
17) 2-Methylphenol	7.15	107	268274	47.24	ng	#	85
18) Hexachloroethane	7.41	117	124120	45.89	ng	#	85
19) n-Nitroso-di-n-propylamine	7.31	70	213690	44.05	ng	#	77
20) 3+4-Methylphenols	7.31	107	304052	42.39	ng	#	43
22) Acetophenone	7.31	105	447506	47.89	ng	#	81
24) Nitrobenzene	7.49	77	329767	44.29	ng	#	70
25) Isophorone	7.73	82	641719	47.22	ng	#	92
26) 2-Nitrophenol	7.81	139	183927	51.46	ng	#	84
27) 2,4-Dimethylphenol	7.84	122	308586	49.08	ng	#	83
28) bis(2-Chloroethoxy)methane	7.93	93	369169	45.74	ng	#	93
29) 2,4-Dichlorophenol	8.05	162	306922	50.35	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	328577	48.28	ng		100
31) Naphthalene	8.21	128	940331	46.43	ng		97
32) Benzoic acid	7.97	122	174578	46.66	ng	#	69
33) 4-Chloroaniline	8.27	127	35611	4.07	ng	#	92
34) Hexachlorobutadiene	8.32	225	199549	49.58	ng		98
35) Caprolactam	8.63	113	74606m	44.21	ng		
36) 4-Chloro-3-methylphenol	8.74	107	300623	50.43	ng		90
37) 2-Methylnaphthalene	8.89	142	635025	45.93	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	333049	48.41	ng		99
40) Hexachlorocyclopentadiene	9.05	237	371939	104.99	ng		98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081962.D
Acq On : 2 Oct 2015 2:45
Operator : UM/IZ
Sample : G3857-09MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1-COMPMSD

Manual Integrations APPROVED
MMDadoda
10/2/2015 6:04:57 PM

Quant Time: Oct 02 08:16:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	230341	48.84	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	240569	49.60	ng		96
45) 1,1'-Biphenyl	9.36	154	786303	45.48	ng		94
46) 2-Chloronaphthalene	9.38	162	614971	45.31	ng	#	91
47) 2-Nitroaniline	9.49	65	185220	46.48	ng	#	80
48) Acenaphthylene	9.81	152	1034150	47.60	ng		96
49) Dimethylphthalate	9.67	163	793280	51.29	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	161184	48.00	ng	#	65
51) Acenaphthene	9.98	154	699258	54.20	ng		89
52) 3-Nitroaniline	9.90	138	38273	9.85	ng	#	71
53) 2,4-Dinitrophenol	10.00	184	161911	90.57	ng	#	48
54) Dibenzofuran	10.15	168	918091	50.36	ng	#	91
55) 4-Nitrophenol	10.06	139	219277	78.12	ng	#	45
56) 2,4-Dinitrotoluene	10.13	165	214355	50.07	ng	#	69
57) Fluorene	10.49	166	703387	54.39	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.26	232	210858	54.81	ng		92
59) Diethylphthalate	10.37	149	750485	51.95	ng		96
60) 4-Chlorophenyl-phenylether	10.48	204	343763	51.50	ng		94
61) 4-Nitroaniline	10.51	138	142577	36.60	ng	#	52
62) Azobenzene	10.64	77	725102	51.43	ng		93
64) 4,6-Dinitro-2-methylphenol	10.54	198	119340	57.29	ng	#	77
65) n-Nitrosodiphenylamine	10.59	169	543825	40.94	ng		91
66) 4-Bromophenyl-phenylether	10.97	248	234292	52.92	ng	#	91
67) Hexachlorobenzene	11.03	284	214880	43.01	ng	#	91
68) Atrazine	11.12	200	107927	26.19	ng		83
69) Pentachlorophenol	11.22	266	257498	90.46	ng		99
70) Phenanthrene	11.45	178	1059430	50.34	ng		95
71) Anthracene	11.50	178	1056926	47.36	ng		96
72) Carbazole	11.66	167	880542	43.60	ng		95
73) Di-n-butylphthalate	11.99	149	1117046	54.59	ng		99
74) Fluoranthene	12.63	202	1108020	47.11	ng		94
76) Benzidine	12.78	184	49102	4.53	ng		98
77) Pyrene	12.87	202	1126951	52.47	ng		96
79) Butylbenzylphthalate	13.49	149	482872	59.74	ng	#	86
80) Benzo(a)anthracene	14.05	228	939463	48.52	ng		95
81) 3,3'-Dichlorobenzidine	14.02	252	66789	10.21	ng	#	91
82) Chrysene	14.09	228	1004651	Below Cal			93
83) Bis(2-ethylhexyl)phthalate	14.04	149	607597	59.93	ng	#	93
84) Di-n-octyl phthalate	14.65	149	1036091	62.79	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.94	276	726967	48.00	ng	#	87
87) Benzo(b)fluoranthene	15.09	252	742631m	46.28	ng		
88) Benzo(k)fluoranthene	15.12	252	864375m	58.78	ng		
89) Benzo(a)pyrene	15.45	252	739851	53.16	ng	#	84
90) Dibenzo(a,h)anthracene	16.96	278	605225	51.83	ng	#	80
91) Benzo(g,h,i)perylene	17.37	276	600582	50.19	ng	#	76

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081962.D
Acq On : 2 Oct 2015 2:45
Operator : UM/IZ
Sample : G3857-09MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 02 08:16:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Manual Integrations APPROVED
MMDadoda
10/2/2015 6:04:57 PM