Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082017.D
Acq On : 3 Oct 2015 11:30
Operator : UM/IZ
Sample : G3905-02MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:29:15 PM

Quant Time: Oct 05 17:04:09 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	6.89	152	91557	20.00	ng		-0.05
21) Naphthalene-d8	8.17	136	372982	20.00	ng		-0.05
38) Acenaphthene-d10	9.93	164	189052	20.00	ng		-0.05
63) Phenanthrene-d10	11.43	188	377497	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	343922	20.00	ng		-0.03
86) Perylene-d12	15.54	264	268867	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	722806	143.31	ng		-0.03
7) Phenol-d6	6.53	99	1031669	162.56	ng		-0.03
23) Nitrobenzene-d5	7.46	82	659263	117.82	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	276653	144.49	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1149974	107.14	ng		-0.05
78) Terphenyl-d14	13.02	244	1211847	134.92	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	99777	45.49	ng		87
3) Pyridine	3.26	79	179694	31.47	ng		86
4) n-Nitrosodimethylamine	3.22	42	123529	47.63	ng		95
6) Aniline	6.55	93	313004	36.71	ng	#	84
8) 2-Chlorophenol	6.67	128	320760	57.59	ng		98
9) Benzaldehyde	6.43	77	60813	14.63	ng	#	81
10) Phenol	6.54	94	431144	60.56	ng		73
11) bis(2-Chloroethyl)ether	6.63	93	314915	57.04	ng		97
12) 1,3-Dichlorobenzene	6.82	146	329537m	50.09	ng		
13) 1,4-Dichlorobenzene	6.90	146	350010m	50.95	ng		
14) 1,2-Dichlorobenzene	7.06	146	335334	54.78	ng		99
15) Benzyl Alcohol	7.03	79	237342	51.81	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.17	45	420112	53.83	ng		82
17) 2-Methylphenol	7.14	107	254380	56.33	ng	#	85
18) Hexachloroethane	7.39	117	111639	51.91	ng		91
19) n-Nitroso-di-n-propylamine	7.30	70	209204	54.24	ng	#	78
20) 3+4-Methylphenols	7.30	107	315999	55.40	ng	#	61
22) Acetophenone	7.30	105	403993	52.98	ng	#	77
24) Nitrobenzene	7.47	77	294711	48.51	ng	#	67
25) Isophorone	7.71	82	586052	52.84	ng	#	90
26) 2-Nitrophenol	7.79	139	179553	61.57	ng	#	75
27) 2,4-Dimethylphenol	7.83	122	279321	54.44	ng	#	81
28) bis(2-Chloroethoxy)methane	7.93	93	390230	59.25	ng	#	94
29) 2,4-Dichlorophenol	8.03	162	303598	61.03	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	292976	52.75	ng		98
31) Naphthalene	8.19	128	821248m	49.69	ng		
32) Benzoic acid	7.91	122	49122	20.90	ng	#	73
33) 4-Chloroaniline	8.25	127	204430	28.61	ng	#	95
34) Hexachlorobutadiene	8.31	225	167000	50.84	ng		97
35) Caprolactam	8.63	113	71611m	52.00	ng		
36) 4-Chloro-3-methylphenol	8.73	107	285426	58.67	ng	#	83
37) 2-Methylnaphthalene	8.89	142	648751	57.51	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	286463	49.36	ng		100
40) Hexachlorocyclopentadiene	9.04	237	326335	109.19	ng		95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082017.D
Acq On : 3 Oct 2015 11:30
Operator : UM/IZ
Sample : G3905-02MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF001-01MS

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:29:15 PM

Quant Time: Oct 05 17:04:09 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	9.17	196	199005	50.01	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	238395	58.26	ng	#	95
45) 1,1'-Biphenyl	9.36	154	812938	55.74	ng		95
46) 2-Chloronaphthalene	9.38	162	608600	53.14	ng		94
47) 2-Nitroaniline	9.49	65	193813	57.65	ng		85
48) Acenaphthylene	9.81	152	943258	51.46	ng		98
49) Dimethylphthalate	9.67	163	975769	74.77	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	150323	53.06	ng	#	55
51) Acenaphthene	9.98	154	646244	59.37	ng		90
52) 3-Nitroaniline	9.90	138	129807	39.60	ng	#	67
53) 2,4-Dinitrophenol	10.00	184	117682	83.04	ng	#	42
54) Dibenzofuran	10.15	168	875448	56.91	ng		92
55) 4-Nitrophenol	10.07	139	257014	108.52	ng	#	74
56) 2,4-Dinitrotoluene	10.14	165	224219	62.08	ng	#	95
57) Fluorene	10.49	166	691188	63.71	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	201038	61.94	ng		94
59) Diethylphthalate	10.37	149	655416	53.77	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	314084	55.77	ng	#	88
61) 4-Nitroaniline	10.53	138	175531	53.41	ng	#	52
62) Azobenzene	10.64	77	674275	56.68	ng		92
64) 4,6-Dinitro-2-methylphenol	10.54	198	101811	56.94	ng		88
65) n-Nitrosodiphenylamine	10.61	169	591990	51.83	ng		92
66) 4-Bromophenyl-phenylether	10.97	248	211576	55.59	ng		97
67) Hexachlorobenzene	11.03	284	203492	47.37	ng	#	79
68) Atrazine	11.13	200	182912	51.61	ng		84
69) Pentachlorophenol	11.23	266	263820	107.79	ng		99
70) Phenanthrene	11.45	178	926399	51.23	ng		95
71) Anthracene	11.51	178	1097064	57.18	ng		97
72) Carbazole	11.67	167	959045	55.23	ng		97
73) Di-n-butylphthalate	11.99	149	1017179	57.90	ng	#	97
74) Fluoranthene	12.64	202	1007018	49.80	ng		91
76) Benzidine	12.78	184	85031	8.21	ng		98
77) Pyrene	12.87	202	1046220	50.92	ng		96
79) Butylbenzylphthalate	13.50	149	486656	62.95	ng		93
80) Benzo(a)anthracene	14.07	228	998880	53.94	ng		95
81) 3,3'-Dichlorobenzidine	14.04	252	266742	42.65	ng	#	94
82) Chrysene	14.10	228	826571m	Below Cal			
83) Bis(2-ethylhexyl)phthalate	14.06	149	626781	64.63	ng	#	94
84) Di-n-octyl phthalate	14.68	149	1096507	69.48	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.00	276	783381	54.07	ng	#	87
87) Benzo(b)fluoranthene	15.11	252	944458m	61.53	ng		
88) Benzo(k)fluoranthene	15.14	252	724668m	51.51	ng		
89) Benzo(a)pyrene	15.48	252	773732	58.11	ng	#	87
90) Dibenzo(a,h)anthracene	17.02	278	653874	58.53	ng	#	79
91) Benzo(g,h,i)perylene	17.44	276	637046	55.64	ng	#	76

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082017.D
Acq On : 3 Oct 2015 11:30
Operator : UM/IZ
Sample : G3905-02MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 05 17:04:09 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 :
P001-BF001-01MS

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:29:15 PM