Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082899.D
Acq On : 13 Nov 2015 16:04
Operator : UM/IZ
Sample : G4376-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:43:59 PM

Quant Time: Nov 13 22:43:23 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	241691	20.00	ng		-0.06
21) Naphthalene-d8	8.09	136	980747	20.00	ng		-0.06
38) Acenaphthene-d10	9.85	164	517509	20.00	ng		-0.05
63) Phenanthrene-d10	11.32	188	930791	20.00	ng		-0.06
75) Chrysene-d12	13.96	240	795137	20.00	ng		-0.06
86) Perylene-d12	15.40	264	839632	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1075632	69.25	ng		-0.05
7) Phenol-d6	6.44	99	1603486	77.65	ng		-0.03
23) Nitrobenzene-d5	7.37	82	1072011	47.56	ng		-0.04
41) 2,4,6-Tribromophenol	10.64	330	398825	67.21	ng		-0.04
44) 2-Fluorobiphenyl	9.17	172	1620128	44.87	ng		-0.05
78) Terphenyl-d14	12.91	244	1537432	45.86	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	163222	24.35	ng		97
3) Pyridine	3.10	79	417397	21.46	ng		90
4) n-Nitrosodimethylamine	3.04	42	204455	21.20	ng	#	70
6) Aniline	6.45	93	425869	14.69	ng	#	1
8) 2-Chlorophenol	6.58	128	405331	23.54	ng	#	75
9) Benzaldehyde	6.34	77	32794	2.87	ng		83
10) Phenol	6.45	94	675131	28.81	ng		99
11) bis(2-Chloroethyl)ether	6.53	93	418422	23.88	ng		92
12) 1,3-Dichlorobenzene	6.74	146	460957	23.73	ng	#	88
13) 1,4-Dichlorobenzene	6.82	146	465365m	23.03	ng		
14) 1,2-Dichlorobenzene	6.97	146	420112	22.86	ng		96
15) Benzyl Alcohol	6.94	79	443113	24.43	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.08	45	682971	26.57	ng		99
17) 2-Methylphenol	7.06	107	349796	23.98	ng		96
18) Hexachloroethane	7.31	117	161488	22.35	ng		91
19) n-Nitroso-di-n-propylamine	7.22	70	345411	22.75	ng		87
20) 3+4-Methylphenols	7.22	107	456016	24.05	ng	#	72
22) Acetophenone	7.21	105	599224	21.32	ng	#	95
24) Nitrobenzene	7.38	77	465078	20.18	ng		91
25) Isophorone	7.63	82	912833	21.89	ng	#	92
26) 2-Nitrophenol	7.70	139	207281	21.54	ng	#	77
27) 2,4-Dimethylphenol	7.74	122	377871	21.86	ng		94
28) bis(2-Chloroethoxy)methane	7.84	93	538470	22.89	ng	#	98
29) 2,4-Dichlorophenol	7.95	162	389158	24.91	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	391086	22.26	ng		97
31) Naphthalene	8.11	128	1248861	23.08	ng		99
32) Benzoic acid	7.82	122	75143	6.35	ng	#	81
33) 4-Chloroaniline	8.16	127	240517	10.31	ng	#	87
34) Hexachlorobutadiene	8.24	225	231699	21.07	ng		98
35) Caprolactam	8.51	113	117395	23.83	ng		91
36) 4-Chloro-3-methylphenol	8.65	107	408456	22.23	ng		91
37) 2-Methylnaphthalene	8.80	142	778736	22.25	ng		94
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	334066	19.64	ng		98
40) Hexachlorocyclopentadiene	8.97	237	413091	45.21	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082899.D
Acq On : 13 Nov 2015 16:04
Operator : UM/IZ
Sample : G4376-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:43:59 PM

Quant Time: Nov 13 22:43:23 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	274491	21.62	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	292756	23.32	ng	#	84
45) 1,1'-Biphenyl	9.26	154	926999	20.88	ng		95
46) 2-Chloronaphthalene	9.29	162	739321	21.34	ng		97
47) 2-Nitroaniline	9.38	65	258117	20.09	ng		89
48) Acenaphthylene	9.70	152	1185443	21.84	ng		98
49) Dimethylphthalate	9.57	163	1332202	31.42	ng		99
50) 2,6-Dinitrotoluene	9.63	165	224412	24.81	ng	#	73
51) Acenaphthene	9.88	154	793877	23.07	ng		98
52) 3-Nitroaniline	9.79	138	150647	15.14	ng	#	82
53) 2,4-Dinitrophenol	9.89	184	151777	30.56	ng	#	31
54) Dibenzofuran	10.05	168	1089677	23.49	ng	#	84
55) 4-Nitrophenol	9.96	139	302711	39.66	ng		81
56) 2,4-Dinitrotoluene	10.03	165	294668	24.01	ng		85
57) Fluorene	10.38	166	835701	22.25	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	230983	22.54	ng	#	92
59) Diethylphthalate	10.27	149	901989	21.79	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	406426	21.62	ng		92
61) 4-Nitroaniline	10.41	138	234747	23.46	ng	#	72
62) Azobenzene	10.54	77	1108204	24.92	ng		93
64) 4,6-Dinitro-2-methylphenol	10.44	198	151374	22.83	ng		79
65) n-Nitrosodiphenylamine	10.50	169	710686	21.13	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	261119	23.30	ng	#	92
67) Hexachlorobenzene	10.94	284	283834	22.68	ng	#	62
68) Atrazine	11.04	200	286606	27.56	ng		96
69) Pentachlorophenol	11.14	266	321771	42.34	ng		98
70) Phenanthrene	11.35	178	1193685	22.08	ng		98
71) Anthracene	11.40	178	1362749	23.93	ng		98
72) Carbazole	11.55	167	1100009	22.07	ng		97
73) Di-n-butylphthalate	11.89	149	1374828	22.14	ng		98
74) Fluoranthene	12.53	202	1334547	23.01	ng		99
76) Benzidine	12.66	184	611066	22.93	ng		98
77) Pyrene	12.76	202	1395764	25.56	ng		98
79) Butylbenzylphthalate	13.39	149	650773	26.98	ng		97
80) Benzo(a)anthracene	13.95	228	1250918	25.16	ng		98
81) 3,3'-Dichlorobenzidine	13.92	252	269102	15.22	ng		99
82) Chrysene	14.00	228	1208657	26.54	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	916466	27.76	ng		100
84) Di-n-octyl phthalate	14.59	149	1642274	29.82	ng		97
85) Indeno(1,2,3-cd)pyrene	16.77	276	1077400	27.47	ng	#	95
87) Benzo(b)fluoranthene	15.00	252	1312355m	24.35	ng		
88) Benzo(k)fluoranthene	15.03	252	909045m	19.01	ng		
89) Benzo(a)pyrene	15.35	252	1091361	23.37	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	904540	22.88	ng		98
91) Benzo(g,h,i)perylene	17.17	276	876181	23.14	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082899.D
Acq On : 13 Nov 2015 16:04
Operator : UM/IZ
Sample : G4376-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 13 22:43:23 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-3-4-6FTMS

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:43:59 PM