Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
Data File : BF083868.D
Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4775-16MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-A-20150872MS

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:35:02 PM

Quant Time: Dec 17 06:15:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	114931	20.00	ng		-0.02
21) Naphthalene-d8	8.18	136	482767	20.00	ng		-0.03
38) Acenaphthene-d10	9.94	164	233317	20.00	ng		-0.02
63) Phenanthrene-d10	11.41	188	422493	20.00	ng		-0.03
75) Chrysene-d12	14.05	240	307333	20.00	ng		-0.02
86) Perylene-d12	15.49	264	249769	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	634447	89.06	ng		-0.01
7) Phenol-d6	6.53	99	737358	81.73	ng		-0.01
23) Nitrobenzene-d5	7.46	82	531615	61.61	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	243775	102.54	ng		-0.02
44) 2-Fluorobiphenyl	9.25	172	996030	56.89	ng		-0.03
78) Terphenyl-d14	13.00	244	959623	67.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	81949	23.79	ng	#	67
3) Pyridine	3.40	79	158988	18.34	ng	#	82
4) n-Nitrosodimethylamine	3.32	42	94694	28.88	ng	#	61
6) Aniline	6.56	93	56566	4.62	ng	#	3
8) 2-Chlorophenol	6.68	128	267050	31.90	ng		88
9) Benzaldehyde	6.44	77	43110	8.90	ng		82
10) Phenol	6.54	94	228865	22.04	ng		86
11) bis(2-Chloroethyl)ether	6.64	93	282495	37.57	ng	#	81
12) 1,3-Dichlorobenzene	6.84	146	278643m	31.36	ng		
13) 1,4-Dichlorobenzene	6.91	146	284469	31.68	ng		99
14) 1,2-Dichlorobenzene	7.07	146	268731	33.31	ng		96
15) Benzyl Alcohol	7.04	79	212560	32.07	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	255755	26.19	ng		73
17) 2-Methylphenol	7.15	107	216402	32.15	ng	#	86
18) Hexachloroethane	7.41	117	105693	33.15	ng		100
19) n-Nitroso-di-n-propylamine	7.31	70	163030	29.51	ng		90
20) 3+4-Methylphenols	7.31	107	269672	33.94	ng	#	69
22) Acetophenone	7.30	105	354533	29.94	ng	#	99
24) Nitrobenzene	7.48	77	281834	31.38	ng	#	73
25) Isophorone	7.72	82	517395	30.56	ng	#	91
26) 2-Nitrophenol	7.79	139	133262	30.89	ng	#	88
27) 2,4-Dimethylphenol	7.84	122	245778	28.99	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	294710	30.51	ng	#	98
29) 2,4-Dichlorophenol	8.04	162	238987	34.34	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	225756	31.28	ng		96
31) Naphthalene	8.20	128	987256	39.23	ng		98
32) Benzoic acid	7.96	122	137833	26.09	ng		91
33) 4-Chloroaniline	8.26	127	40023	3.89	ng	#	87
34) Hexachlorobutadiene	8.33	225	133603	33.73	ng		97
35) Caprolactam	8.62	113	65465m	29.29	ng		
36) 4-Chloro-3-methylphenol	8.74	107	261645	32.14	ng		90
37) 2-Methylnaphthalene	8.90	142	570348	36.10	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	205944	29.92	ng	#	100
40) Hexachlorocyclopentadiene	9.05	237	141876	40.68	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
Data File : BF083868.D
Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4775-16MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MS

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:35:02 PM

Quant Time: Dec 17 06:15:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	157279	31.22	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	161154	33.72	ng		97
45) 1,1'-Biphenyl	9.36	154	623722	30.16	ng		97
46) 2-Chloronaphthalene	9.38	162	456445	29.90	ng	#	91
47) 2-Nitroaniline	9.47	65	129921	30.01	ng	#	82
48) Acenaphthylene	9.80	152	819302	31.90	ng		99
49) Dimethylphthalate	9.66	163	646932	35.57	ng		98
50) 2,6-Dinitrotoluene	9.72	165	146153	37.86	ng	#	64
51) Acenaphthene	9.97	154	612849	39.48	ng		99
52) 3-Nitroaniline	9.88	138	36127	8.12	ng		80
53) 2,4-Dinitrophenol	10.00	184	123561	65.53	ng	#	79
54) Dibenzofuran	10.14	168	756376	36.77	ng		95
55) 4-Nitrophenol	10.05	139	157952	47.93	ng		84
56) 2,4-Dinitrotoluene	10.12	165	160881	31.90	ng	#	85
57) Fluorene	10.49	166	567030	35.01	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	128710	35.91	ng	#	100
59) Diethylphthalate	10.36	149	619525	33.64	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	252952	34.25	ng		98
61) 4-Nitroaniline	10.50	138	104342	26.60	ng		88
62) Azobenzene	10.64	77	598492	35.65	ng		92
64) 4,6-Dinitro-2-methylphenol	10.53	198	87028	36.20	ng	#	74
65) n-Nitrosodiphenylamine	10.59	169	439026	30.38	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	161270	34.14	ng	#	90
67) Hexachlorobenzene	11.04	284	180921	35.39	ng	#	89
68) Atrazine	11.12	200	122578	29.81	ng		96
69) Pentachlorophenol	11.23	266	185571	64.37	ng		98
70) Phenanthrene	11.45	178	844046	37.61	ng		100
71) Anthracene	11.49	178	720346	30.90	ng		99
72) Carbazole	11.64	167	691375	31.83	ng	#	96
73) Di-n-butylphthalate	11.98	149	975450	36.98	ng		98
74) Fluoranthene	12.62	202	750742	32.37	ng		97
77) Pyrene	12.85	202	738233	30.39	ng		99
79) Butylbenzylphthalate	13.47	149	360219	34.55	ng	#	97
80) Benzo(a)anthracene	14.04	228	550566	31.50	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	62121	9.85	ng	#	98
82) Chrysene	14.08	228	497145	29.17	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	470205	39.63	ng	#	95
84) Di-n-octyl phthalate	14.65	149	764529	40.55	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.93	276	569161	34.00	ng	#	100
87) Benzo(b)fluoranthene	15.08	252	542251	34.03	ng		98
88) Benzo(k)fluoranthene	15.11	252	457528m	31.69	ng		
89) Benzo(a)pyrene	15.44	252	484581	34.08	ng		98
90) Dibenzo(a,h)anthracene	16.95	278	470827	33.30	ng		95
91) Benzo(g,h,i)perylene	17.37	276	479350	32.98	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
Data File : BF083868.D
Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4775-16MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 17 06:15:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MS

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:35:02 PM