Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083609.D
Acq On : 8 Dec 2015 22:20
Operator : UM/IZ
Sample : PB87105BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Manual Integrations APPROVED
Mmdadoda
12/9/2015 6:13:26 PM

Quant Time: Dec 17 10:23:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 09:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	140802	20.00	ng		0.00
21) Naphthalene-d8	7.60	136	555349	20.00	ng		-0.01
38) Acenaphthene-d10	10.38	164	274940	20.00	ng		0.00
63) Phenanthrene-d10	12.79	188	502052	20.00	ng		0.00
75) Chrysene-d12	16.99	240	404277	20.00	ng		0.00
86) Perylene-d12	18.64	264	311502	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.00	112	1205011	129.80	ng		0.02
7) Phenol-d6	5.28	99	1536936	123.91	ng		0.00
23) Nitrobenzene-d5	6.53	82	1001608	84.16	ng		0.00
41) 2,4,6-Tribromophenol	11.69	330	320318	130.77	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1625909	83.23	ng		0.00
78) Terphenyl-d14	15.41	244	1537421	89.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	169081	36.87	ng	#	91
3) Pyridine	2.32	79	491104	44.08	ng		99
4) n-Nitrosodimethylamine	2.28	42	266253	45.39	ng		98
6) Aniline	5.26	93	416098	27.22	ng		89
8) 2-Chlorophenol	5.42	128	448888	44.21	ng		94
9) Benzaldehyde	5.12	77	121338	15.49	ng		97
10) Phenol	5.29	94	668213	44.48	ng		84
11) bis(2-Chloroethyl)ether	5.36	93	457364	41.38	ng		95
12) 1,3-Dichlorobenzene	5.61	146	480889m	42.50	ng		
13) 1,4-Dichlorobenzene	5.72	146	491175	42.31	ng		99
14) 1,2-Dichlorobenzene	5.94	146	465790	43.24	ng		97
15) Benzyl Alcohol	5.95	79	443696	50.27	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.12	45	856070	41.88	ng	#	61
17) 2-Methylphenol	6.14	107	383777	46.46	ng		93
18) Hexachloroethane	6.41	117	176188	42.98	ng	#	86
19) n-Nitroso-di-n-propylamine	6.34	70	391225	45.19	ng		97
20) 3+4-Methylphenols	6.38	107	487676	44.84	ng		99
22) Acetophenone	6.32	105	639107	41.03	ng	#	99
24) Nitrobenzene	6.56	77	532913	40.51	ng		98
25) Isophorone	6.93	82	981072	42.48	ng		99
26) 2-Nitrophenol	7.04	139	232197	44.45	ng		95
27) 2,4-Dimethylphenol	7.16	122	408290	44.69	ng		95
28) bis(2-Chloroethoxy)methane	7.29	93	591847	46.15	ng		99
29) 2,4-Dichlorophenol	7.45	162	389436	46.87	ng		99
30) 1,2,4-Trichlorobenzene	7.53	180	396505	43.20	ng		99
31) Naphthalene	7.63	128	1283921	43.65	ng		99
32) Benzoic acid	7.49	122	223652	38.81	ng		99
33) 4-Chloroaniline	7.78	127	177886	16.59	ng		94
34) Hexachlorobutadiene	7.84	225	227391	42.40	ng		98
35) Caprolactam	8.37	113	122336m	49.05	ng		
36) 4-Chloro-3-methylphenol	8.62	107	422118	45.22	ng		92
37) 2-Methylnaphthalene	8.73	142	855151	46.29	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	381443	42.26	ng	#	100
40) Hexachlorocyclopentadiene	8.98	237	164585	77.04	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083609.D
Acq On : 8 Dec 2015 22:20
Operator : UM/IZ
Sample : PB87105BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Manual Integrations APPROVED
Mmdadoda
12/9/2015 6:13:26 PM

Quant Time: Dec 17 10:23:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 09:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	226348	42.14	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	244001	45.89	ng		98
45) 1,1'-Biphenyl	9.49	154	997558	41.74	ng		99
46) 2-Chloronaphthalene	9.50	162	778725	43.16	ng		96
47) 2-Nitroaniline	9.72	65	298360	45.85	ng		94
48) Acenaphthylene	10.16	152	1274439	42.84	ng		99
49) Dimethylphthalate	10.04	163	958909	43.81	ng		99
50) 2,6-Dinitrotoluene	10.13	165	201753	44.65	ng		93
51) Acenaphthene	10.44	154	747945	43.91	ng		98
52) 3-Nitroaniline	10.41	138	114425	23.83	ng		83
53) 2,4-Dinitrophenol	10.60	184	179445	80.23	ng		96
54) Dibenzofuran	10.73	168	1126190	47.68	ng		97
55) 4-Nitrophenol	10.81	139	202208	95.64	ng		89
56) 2,4-Dinitrotoluene	10.80	165	278289	46.44	ng	#	85
57) Fluorene	11.28	166	914324	44.36	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.97	232	218299	50.90	ng	#	100
59) Diethylphthalate	11.18	149	932286	43.81	ng		99
60) 4-Chlorophenyl-phenylether	11.31	204	427847	43.60	ng		90
61) 4-Nitroaniline	11.40	138	193055	44.25	ng		87
62) Azobenzene	11.56	77	1156106	49.37	ng		96
64) 4,6-Dinitro-2-methylphenol	11.46	198	144487	42.47	ng		93
65) n-Nitrosodiphenylamine	11.52	169	765283	46.19	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	248047	44.30	ng		97
67) Hexachlorobenzene	12.17	284	270665	45.56	ng		93
68) Atrazine	12.44	200	249734	50.66	ng		98
69) Pentachlorophenol	12.53	266	162759	98.32	ng		99
70) Phenanthrene	12.82	178	1302120	45.14	ng		100
71) Anthracene	12.91	178	1372283	45.92	ng		99
72) Carbazole	13.21	167	1192560	46.54	ng		98
73) Di-n-butylphthalate	13.84	149	1501421	46.59	ng		99
74) Fluoranthene	14.75	202	1353369	45.86	ng		99
76) Benzidine	15.03	184	377293	30.00	ng		98
77) Pyrene	15.11	202	1392944	47.86	ng		99
79) Butylbenzylphthalate	16.24	149	612014	47.37	ng		88
80) Benzo(a)anthracene	16.98	228	1101452	46.55	ng		99
81) 3,3'-Dichlorobenzidine	16.97	252	239911	30.01	ng		98
82) Chrysene	17.03	228	1084983	45.74	ng		99
83) Bis(2-ethylhexyl)phthalate	17.09	149	859527	47.94	ng		100
84) Di-n-octyl phthalate	17.86	149	1330994	48.58	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.86	276	711080	44.41	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	787193m	44.38	ng		
88) Benzo(k)fluoranthene	18.28	252	914701m	46.80	ng		
89) Benzo(a)pyrene	18.58	252	781637	45.16	ng	#	96
90) Dibenzo(a,h)anthracene	19.86	278	602289	45.51	ng		98
91) Benzo(g,h,i)perylene	20.23	276	580254	44.97	ng		95

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083609.D
Acq On : 8 Dec 2015 22:20
Operator : UM/IZ
Sample : PB87105BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 17 10:23:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 09:56:43 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Manual Integrations APPROVED
Mmdadoda
12/9/2015 6:13:26 PM