Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082079.D
Acq On : 6 Oct 2015 12:34
Operator : UM/IZ
Sample : PB85739BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85739BS

Manual Integrations APPROVED
mmdadoda
10/7/2015 4:51:40 PM

Quant Time: Oct 07 03:03:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 02:00:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	81600	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	330415	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	163964	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	315800	20.00	ng		0.00
75) Chrysene-d12	14.06	240	285699	20.00	ng		-0.01
86) Perylene-d12	15.51	264	266717	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	511326	113.75	ng		0.01
7) Phenol-d6	6.53	99	730447	129.14	ng		0.01
23) Nitrobenzene-d5	7.45	82	418906	84.51	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	197065	118.67	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	834592	85.22	ng		0.00
78) Terphenyl-d14	13.01	244	1003471	134.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	70322	35.97	ng		88
3) Pyridine	3.28	79	168544	33.12	ng		85
4) n-Nitrosodimethylamine	3.23	42	80025	34.62	ng		98
6) Aniline	6.55	93	105568	13.89	ng	#	87
8) 2-Chlorophenol	6.66	128	208354	41.97	ng	#	81
9) Benzaldehyde	6.43	77	50765	13.71	ng		92
10) Phenol	6.54	94	256285	40.39	ng		78
11) bis(2-Chloroethyl)ether	6.62	93	204427	41.55	ng		97
12) 1,3-Dichlorobenzene	6.82	146	249590	42.57	ng	#	95
13) 1,4-Dichlorobenzene	6.90	146	255389	41.71	ng		96
14) 1,2-Dichlorobenzene	7.05	146	231604m	42.45	ng		
15) Benzyl Alcohol	7.03	79	172355	42.21	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.17	45	309015	44.42	ng		82
17) 2-Methylphenol	7.14	107	179449	44.59	ng	#	85
18) Hexachloroethane	7.39	117	86379	45.07	ng	#	80
19) n-Nitroso-di-n-propylamine	7.30	70	156308	45.47	ng	#	75
20) 3+4-Methylphenols	7.29	107	211751	41.66	ng	#	54
22) Acetophenone	7.29	105	290569	43.01	ng	#	74
24) Nitrobenzene	7.47	77	230474	42.82	ng	#	76
25) Isophorone	7.71	82	411642	41.90	ng	#	97
26) 2-Nitrophenol	7.78	139	115820	44.83	ng	#	52
27) 2,4-Dimethylphenol	7.83	122	210222	46.25	ng	#	83
28) bis(2-Chloroethoxy)methane	7.92	93	244786	41.96	ng	#	94
29) 2,4-Dichlorophenol	8.03	162	198907	45.13	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	214183	43.53	ng		99
31) Naphthalene	8.19	128	646259	44.14	ng		98
32) Benzoic acid	7.94	122	103861	39.70	ng	#	63
33) 4-Chloroaniline	8.25	127	48669	7.69	ng	#	93
34) Hexachlorobutadiene	8.31	225	131889	45.33	ng		99
35) Caprolactam	8.62	113	59722m	48.95	ng		
36) 4-Chloro-3-methylphenol	8.73	107	195949	45.47	ng	#	84
37) 2-Methylnaphthalene	8.88	142	423067	42.33	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	223690	44.44	ng		99
40) Hexachlorocyclopentadiene	9.03	237	226290	87.30	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082079.D
Acq On : 6 Oct 2015 12:34
Operator : UM/IZ
Sample : PB85739BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85739BS

Manual Integrations APPROVED
mmdadoda
10/7/2015 4:51:40 PM

Quant Time: Oct 07 03:03:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 02:00:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	150749	43.68	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	156979	44.23	ng	#	92
45) 1,1'-Biphenyl	9.35	154	536043	42.38	ng		95
46) 2-Chloronaphthalene	9.37	162	411319	41.41	ng		94
47) 2-Nitroaniline	9.47	65	123588	42.39	ng	#	80
48) Acenaphthylene	9.79	152	706369	44.43	ng		96
49) Dimethylphthalate	9.66	163	524295	46.33	ng	#	98
50) 2,6-Dinitrotoluene	9.71	165	101968	41.50	ng	#	56
51) Acenaphthene	9.97	154	417760	44.25	ng		90
52) 3-Nitroaniline	9.89	138	38552	13.56	ng	#	66
53) 2,4-Dinitrophenol	10.00	184	115951	89.45	ng	#	83
54) Dibenzofuran	10.14	168	609980	45.72	ng	#	90
55) 4-Nitrophenol	10.06	139	171134	83.32	ng	#	57
56) 2,4-Dinitrotoluene	10.13	165	157773	50.37	ng	#	96
57) Fluorene	10.48	166	501893	52.98	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.25	232	134698	47.85	ng		94
59) Diethylphthalate	10.35	149	507923	48.05	ng		97
60) 4-Chlorophenyl-phenylether	10.47	204	223168	45.69	ng	#	88
61) 4-Nitroaniline	10.50	138	107688	37.78	ng	#	45
62) Azobenzene	10.63	77	473691	45.91	ng		90
64) 4,6-Dinitro-2-methylphenol	10.53	198	72436	50.04	ng		88
65) n-Nitrosodiphenylamine	10.59	169	425630	44.55	ng		91
66) 4-Bromophenyl-phenylether	10.96	248	144187	45.28	ng		97
67) Hexachlorobenzene	11.03	284	151376	42.12	ng	#	75
68) Atrazine	11.12	200	141847	47.85	ng		83
69) Pentachlorophenol	11.22	266	174148	85.05	ng		98
70) Phenanthrene	11.44	178	662929	43.57	ng		96
71) Anthracene	11.50	178	799003	49.78	ng		98
72) Carbazole	11.66	167	669728	46.10	ng		97
73) Di-n-butylphthalate	11.98	149	794499	53.96	ng	#	98
74) Fluoranthene	12.63	202	737147	43.57	ng		91
76) Benzidine	12.76	184	167453	19.45	ng		98
77) Pyrene	12.86	202	738241	43.25	ng		96
79) Butylbenzylphthalate	13.48	149	317185	49.39	ng		88
80) Benzo(a)anthracene	14.05	228	693864	45.10	ng		95
81) 3,3'-Dichlorobenzidine	14.01	252	96336	18.54	ng	#	94
82) Chrysene	14.09	228	731124	Below Cal			95
83) Bis(2-ethylhexyl)phthalate	14.04	149	475076	58.97	ng	#	94
84) Di-n-octyl phthalate	14.65	149	758161	57.83	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.95	276	599971	49.85	ng	#	87
87) Benzo(b)fluoranthene	15.09	252	753235m	49.46	ng		
88) Benzo(k)fluoranthene	15.12	252	555825m	39.82	ng		
89) Benzo(a)pyrene	15.45	252	635355	48.10	ng	#	86
90) Dibenzo(a,h)anthracene	16.96	278	500508	45.16	ng	#	83
91) Benzo(g,h,i)perylene	17.38	276	483251	42.55	ng	#	77

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082079.D
Acq On : 6 Oct 2015 12:34
Operator : UM/IZ
Sample : PB85739BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 07 03:03:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 02:00:35 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB85739BS

Manual Integrations APPROVED
mmdadoda
10/7/2015 4:51:40 PM