Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090085.D
Acq On : 15 Sep 2016 11:56
Operator : UM/SJ
Sample : PB93355BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93355BS

Manual Integrations APPROVED
sohil
9/15/2016 4:18:34 PM

Quant Time: Sep 15 12:59:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 09:41:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	138329	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	576051	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	267008	20.00	ng		-0.01
63) Phenanthrene-d10	11.05	188	490259	20.00	ng		0.00
75) Chrysene-d12	13.67	240	328018	20.00	ng		0.00
86) Perylene-d12	14.99	264	282738	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1106858	128.69	ng		0.01
7) Phenol-d6	6.20	99	1323080	117.50	ng		0.00
23) Nitrobenzene-d5	7.12	82	795748	77.67	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	313016	116.71	ng		-0.01
44) 2-Fluorobiphenyl	8.92	172	1422678	83.68	ng		0.00
78) Terphenyl-d14	12.63	244	1188182	86.02	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	154391	34.38	ng		98
3) Pyridine	2.65	79	408058	36.15	ng		99
4) n-Nitrosodimethylamine	2.60	42	142225	39.63	ng		91
6) Aniline	6.22	93	333047	23.83	ng	#	38
8) 2-Chlorophenol	6.33	128	410527	41.43	ng		94
9) Benzaldehyde	6.09	77	43175	7.19	ng		95
10) Phenol	6.22	94	550519	43.56	ng	#	75
11) bis(2-Chloroethyl)ether	6.30	93	410791	40.53	ng		97
12) 1,3-Dichlorobenzene	6.49	146	432173	42.40	ng		97
13) 1,4-Dichlorobenzene	6.57	146	440861	41.89	ng		97
14) 1,2-Dichlorobenzene	6.72	146	396290m	41.44	ng		
15) Benzyl Alcohol	6.71	79	300293	47.36	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	478567	39.84	ng		96
17) 2-Methylphenol	6.83	107	364938	45.03	ng		97
18) Hexachloroethane	7.06	117	153336	40.15	ng		94
19) n-Nitroso-di-n-propylamine	6.98	70	270048	38.59	ng		98
20) 3+4-Methylphenols	6.98	107	440733	46.47	ng	#	87
22) Acetophenone	6.97	105	520523	37.33	ng	#	98
24) Nitrobenzene	7.14	77	449047	41.61	ng		90
25) Isophorone	7.38	82	821183	38.28	ng		97
26) 2-Nitrophenol	7.46	139	230863	44.12	ng	#	89
27) 2,4-Dimethylphenol	7.52	122	384604	41.77	ng		95
28) bis(2-Chloroethoxy)methane	7.61	93	554771	44.09	ng		99
29) 2,4-Dichlorophenol	7.70	162	338640	41.64	ng		91
30) 1,2,4-Trichlorobenzene	7.78	180	325067	40.52	ng		99
31) Naphthalene	7.86	128	1275095	45.03	ng		99
32) Benzoic acid	7.63	122	100771	14.47	ng		97
33) 4-Chloroaniline	7.92	127	151084	12.54	ng		95
34) Hexachlorobutadiene	7.99	225	171322	41.70	ng		99
35) Caprolactam	8.28	113	127346m	46.89	ng		
36) 4-Chloro-3-methylphenol	8.41	107	376759	39.90	ng		98
37) 2-Methylnaphthalene	8.55	142	725382	41.31	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	266390	38.80	ng		100
40) Hexachlorocyclopentadiene	8.71	237	293033	82.13	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090085.D
Acq On : 15 Sep 2016 11:56
Operator : UM/SJ
Sample : PB93355BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93355BS

Manual Integrations APPROVED
sohil
9/15/2016 4:18:34 PM

Quant Time: Sep 15 12:59:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 09:41:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	226209	45.46	ng		98
43) 2,4,5-Trichlorophenol	8.88	196	231104	43.17	ng		97
45) 1,1'-Biphenyl	9.02	154	834050	38.17	ng		98
46) 2-Chloronaphthalene	9.04	162	720960	44.53	ng		94
47) 2-Nitroaniline	9.14	65	222542	43.06	ng	#	82
48) Acenaphthylene	9.44	152	1111209	40.87	ng		99
49) Dimethylphthalate	9.32	163	795634	40.12	ng		98
50) 2,6-Dinitrotoluene	9.38	165	184809	41.70	ng		92
51) Acenaphthene	9.61	154	657570	43.30	ng		99
52) 3-Nitroaniline	9.54	138	119799	22.22	ng		84
53) 2,4-Dinitrophenol	9.66	184	133802	55.53	ng	#	90
54) Dibenzofuran	9.79	168	989130	47.10	ng		97
55) 4-Nitrophenol	9.72	139	293544	77.36	ng		88
56) 2,4-Dinitrotoluene	9.78	165	233668	43.25	ng		93
57) Fluorene	10.12	166	658032	42.23	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	185466	45.43	ng		98
59) Diethylphthalate	10.02	149	799815	41.66	ng		100
60) 4-Chlorophenyl-phenylether	10.12	204	280531	45.32	ng		96
61) 4-Nitroaniline	10.16	138	223513	40.95	ng		88
62) Azobenzene	10.28	77	955053	47.40	ng		97
64) 4,6-Dinitro-2-methylphenol	10.18	198	99807	30.60	ng	#	45
65) n-Nitrosodiphenylamine	10.25	169	705977	45.45	ng		100
66) 4-Bromophenyl-phenylether	10.62	248	209687	44.37	ng	#	92
67) Hexachlorobenzene	10.67	284	239563	43.02	ng	#	86
68) Atrazine	10.78	200	200315	43.40	ng		96
69) Pentachlorophenol	10.87	266	244892	75.06	ng		98
70) Phenanthrene	11.07	178	968194	40.87	ng		99
71) Anthracene	11.13	178	1196071	46.24	ng		99
72) Carbazole	11.29	167	1169711	44.08	ng		98
73) Di-n-butylphthalate	11.63	149	1222977	41.10	ng		100
74) Fluoranthene	12.25	202	1088982	43.87	ng		98
76) Benzidine	12.39	184	420401	31.42	ng		96
77) Pyrene	12.47	202	1086464	45.38	ng		98
79) Butylbenzylphthalate	13.11	149	531950	44.62	ng	#	71
80) Benzo(a)anthracene	13.66	228	843544	44.05	ng		99
81) 3,3'-Dichlorobenzidine	13.62	252	131798	16.42	ng	#	97
82) Chrysene	13.69	228	837660	44.93	ng		100
83) Bis(2-ethylhexyl)phthalate	13.68	149	639412	43.36	ng		100
84) Di-n-octyl phthalate	14.29	149	1024827	38.88	ng		99
85) Indeno(1,2,3-cd)pyrene	16.17	276	728823	46.70	ng		99
87) Benzo(b)fluoranthene	14.64	252	655914m	39.57	ng		
88) Benzo(k)fluoranthene	14.66	252	664686m	44.54	ng		
89) Benzo(a)pyrene	14.94	252	658692	44.31	ng	#	94
90) Dibenzo(a,h)anthracene	16.19	278	619725	53.24	ng		99
91) Benzo(g,h,i)perylene	16.53	276	628409	56.57	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090085.D
Acq On : 15 Sep 2016 11:56
Operator : UM/SJ
Sample : PB93355BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 15 12:59:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 09:41:41 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB93355BS

Manual Integrations APPROVED
sohil
9/15/2016 4:18:34 PM