Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092116.D
Acq On : 6 Jan 2017 14:52
Operator : UM/SJ
Sample : PB95798BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Manual Integrations APPROVED
Sohil
1/9/2017 10:47:38 AM

Quant Time: Jan 06 16:30:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	206347	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	667220	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	391027	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	642387	20.00	ng		0.00
75) Chrysene-d12	13.79	240	429781	20.00	ng		0.00
86) Perylene-d12	15.15	264	372449	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	939894	76.05	ng		0.01
7) Phenol-d6	6.31	99	1192787	79.06	ng		0.00
23) Nitrobenzene-d5	7.21	82	1090353	90.87	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	246468	76.16	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	1536892	79.73	ng		0.00
78) Terphenyl-d14	12.75	244	1789661	100.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	243588	40.04	ng		95
3) Pyridine	2.82	79	560596	26.40	ng		96
4) n-Nitrosodimethylamine	2.79	42	266490	33.27	ng		96
6) Aniline	6.30	93	326056	16.64	ng	#	61
8) 2-Chlorophenol	6.44	128	604841	43.03	ng		85
9) Benzaldehyde	6.18	77	47826	4.04	ng		98
10) Phenol	6.32	94	802235	46.66	ng	#	65
11) bis(2-Chloroethyl)ether	6.38	93	580463	42.43	ng		96
12) 1,3-Dichlorobenzene	6.58	146	603444	40.21	ng		99
13) 1,4-Dichlorobenzene	6.65	146	601444	39.38	ng		99
14) 1,2-Dichlorobenzene	6.81	146	583140	44.00	ng		99
15) Benzyl Alcohol	6.80	79	481879	41.10	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	835049	40.99	ng		87
17) 2-Methylphenol	6.93	107	496158	43.89	ng		95
18) Hexachloroethane	7.16	117	223075	39.39	ng		94
19) n-Nitroso-di-n-propylamine	7.08	70	450407	44.87	ng	#	88
20) 3+4-Methylphenols	7.09	107	650804	48.26	ng	#	72
22) Acetophenone	7.06	105	863499	52.47	ng	#	88
24) Nitrobenzene	7.24	77	612932	47.96	ng		91
25) Isophorone	7.48	82	952381	43.02	ng		97
26) 2-Nitrophenol	7.56	139	234195	37.16	ng	#	79
27) 2,4-Dimethylphenol	7.60	122	373479	35.73	ng		97
28) bis(2-Chloroethoxy)methane	7.69	93	575411	42.86	ng		100
29) 2,4-Dichlorophenol	7.80	162	355352	40.15	ng	#	85
30) 1,2,4-Trichlorobenzene	7.88	180	377544	38.92	ng		96
31) Naphthalene	7.96	128	1331406	43.60	ng		99
32) Benzoic acid	7.75	122	297757	38.40	ng		98
33) 4-Chloroaniline	8.01	127	100500	7.30	ng	#	92
34) Hexachlorobutadiene	8.07	225	234890	45.88	ng		98
35) Caprolactam	8.39	113	129878m	44.65	ng		
36) 4-Chloro-3-methylphenol	8.52	107	456276	44.80	ng		97
37) 2-Methylnaphthalene	8.64	142	867316	48.03	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	382692	38.74	ng		99
40) Hexachlorocyclopentadiene	8.80	237	362957	82.37	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092116.D
Acq On : 6 Jan 2017 14:52
Operator : UM/SJ
Sample : PB95798BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Manual Integrations APPROVED
Sohil
1/9/2017 10:47:38 AM

Quant Time: Jan 06 16:30:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	246353	35.66	ng		95
43) 2,4,5-Trichlorophenol	8.98	196	247687	34.83	ng	#	81
45) 1,1'-Biphenyl	9.11	154	1154676	43.13	ng		99
46) 2-Chloronaphthalene	9.13	162	854253	40.29	ng		98
47) 2-Nitroaniline	9.24	65	335722	44.47	ng		93
48) Acenaphthylene	9.54	152	1437688	44.09	ng		99
49) Dimethylphthalate	9.42	163	1017679	40.69	ng		99
50) 2,6-Dinitrotoluene	9.48	165	216007	39.46	ng	#	70
51) Acenaphthene	9.72	154	899235	40.68	ng		99
52) 3-Nitroaniline	9.65	138	96608	14.26	ng	#	79
53) 2,4-Dinitrophenol	9.76	184	253401	83.20	ng	#	91
54) Dibenzofuran	9.89	168	1220064	40.87	ng		98
55) 4-Nitrophenol	9.84	139	349158	75.91	ng	#	73
56) 2,4-Dinitrotoluene	9.89	165	312481	45.48	ng		92
57) Fluorene	10.23	166	953206	43.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	257078	45.71	ng		98
59) Diethylphthalate	10.12	149	1050460	43.25	ng		98
60) 4-Chlorophenyl-phenylether	10.22	204	387506	40.74	ng		99
61) 4-Nitroaniline	10.26	138	269836	38.44	ng		87
62) Azobenzene	10.38	77	1154661	43.18	ng		99
64) 4,6-Dinitro-2-methylphenol	10.29	198	159991	41.19	ng	#	53
65) n-Nitrosodiphenylamine	10.34	169	853947	44.80	ng		100
66) 4-Bromophenyl-phenylether	10.71	248	292301	43.74	ng	#	88
67) Hexachlorobenzene	10.77	284	281609	39.43	ng	#	79
68) Atrazine	10.88	200	307056	49.94	ng		96
69) Pentachlorophenol	10.97	266	286751	81.82	ng		98
70) Phenanthrene	11.18	178	1320685	37.92	ng		99
71) Anthracene	11.24	178	1562909	54.54	ng		98
72) Carbazole	11.40	167	1411451	54.07	ng		98
73) Di-n-butylphthalate	11.73	149	1553745	47.28	ng		99
74) Fluoranthene	12.37	202	1474921	48.57	ng		91
76) Benzidine	12.49	184	442156	39.20	ng		96
77) Pyrene	12.59	202	1376654	43.66	ng		100
79) Butylbenzylphthalate	13.23	149	687776	47.96	ng	#	79
80) Benzo(a)anthracene	13.77	228	1134713	46.77	ng		100
81) 3,3'-Dichlorobenzidine	13.74	252	163397	17.76	ng		99
82) Chrysene	13.81	228	948712	38.99	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	794181	47.02	ng	#	98
84) Di-n-octyl phthalate	14.39	149	1280541	40.93	ng		99
85) Indeno(1,2,3-cd)pyrene	16.43	276	900348	42.71	ng		99
87) Benzo(b)fluoranthene	14.78	252	987034m	42.57	ng		
88) Benzo(k)fluoranthene	14.80	252	806506m	40.79	ng		
89) Benzo(a)pyrene	15.10	252	866987	42.13	ng		98
90) Dibenzo(a,h)anthracene	16.44	278	737793	43.61	ng		97
91) Benzo(g,h,i)perylene	16.80	276	769905	43.77	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092116.D
Acq On : 6 Jan 2017 14:52
Operator : UM/SJ
Sample : PB95798BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 06 16:30:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Manual Integrations APPROVED
Sohil
1/9/2017 10:47:38 AM