Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091396.D
Acq On : 2 Dec 2016 18:29
Operator : UM/SJ
Sample : H5819-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Manual Integrations APPROVED
sohil
12/5/2016 11:20:55 AM

Quant Time: Dec 02 23:05:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	184407	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	781100	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	447167	20.00	ng		-0.02
63) Phenanthrene-d10	11.38	188	790533	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	614355	20.00	ng		-0.02
86) Perylene-d12	15.44	264	511376	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1113171	98.61	ng		0.00
7) Phenol-d6	6.49	99	1347136	96.95	ng		0.00
23) Nitrobenzene-d5	7.43	82	939445	67.40	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	427091	100.89	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1574116	63.74	ng		-0.02
78) Terphenyl-d14	12.97	244	1900132	67.22	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	124809	24.44	ng	#	84
3) Pyridine	3.21	79	371178	25.68	ng	#	83
4) n-Nitrosodimethylamine	3.16	42	252608	33.31	ng		100
6) Aniline	6.52	93	490090	26.55	ng	#	77
8) 2-Chlorophenol	6.64	128	389539	31.47	ng	#	80
9) Benzaldehyde	6.40	77	115893	12.97	ng		86
10) Phenol	6.50	94	596044	36.45	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	366677	31.39	ng		97
12) 1,3-Dichlorobenzene	6.80	146	437419	31.77	ng		100
13) 1,4-Dichlorobenzene	6.88	146	436419	31.87	ng		98
14) 1,2-Dichlorobenzene	7.03	146	401613	31.49	ng		98
15) Benzyl Alcohol	7.00	79	387412	34.84	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	801382	31.90	ng		72
17) 2-Methylphenol	7.11	107	334087	34.15	ng	#	75
18) Hexachloroethane	7.37	117	148521	30.54	ng	#	88
19) n-Nitroso-di-n-propylamine	7.28	70	322761	36.87	ng	#	89
20) 3+4-Methylphenols	7.27	107	424981	35.58	ng	#	66
22) Acetophenone	7.27	105	543563	29.36	ng	#	77
24) Nitrobenzene	7.44	77	432279	30.29	ng		91
25) Isophorone	7.68	82	806033	32.64	ng		99
26) 2-Nitrophenol	7.76	139	228214	35.09	ng		88
27) 2,4-Dimethylphenol	7.80	122	374814	30.81	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	540521	36.37	ng		100
29) 2,4-Dichlorophenol	8.00	162	363855	34.00	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	381415	31.79	ng		96
31) Naphthalene	8.17	128	1158063	31.20	ng		99
32) Benzoic acid	7.88	122	65517	7.31	ng		95
33) 4-Chloroaniline	8.22	127	323463	20.38	ng		94
34) Hexachlorobutadiene	8.29	225	213168	28.89	ng		97
35) Caprolactam	8.58	113	120234m	39.09	ng		
36) 4-Chloro-3-methylphenol	8.70	107	386117	33.42	ng		98
37) 2-Methylnaphthalene	8.86	142	787719	31.23	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	408907	32.44	ng		98
40) Hexachlorocyclopentadiene	9.02	237	424404	72.63	ng		99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091396.D
Acq On : 2 Dec 2016 18:29
Operator : UM/SJ
Sample : H5819-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Manual Integrations APPROVED
sohil
12/5/2016 11:20:55 AM

Quant Time: Dec 02 23:05:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	272163	33.22	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	275463	33.55	ng		93
45) 1,1'-Biphenyl	9.33	154	1087879	33.83	ng		95
46) 2-Chloronaphthalene	9.35	162	806945	33.70	ng		96
47) 2-Nitroaniline	9.44	65	315981	36.74	ng	#	84
48) Acenaphthylene	9.76	152	1142481	30.31	ng		99
49) Dimethylphthalate	9.62	163	1035644	38.25	ng		97
50) 2,6-Dinitrotoluene	9.68	165	206264	34.08	ng		94
51) Acenaphthene	9.93	154	822792	32.36	ng		96
52) 3-Nitroaniline	9.85	138	190909	27.25	ng		96
53) 2,4-Dinitrophenol	9.96	184	193618m	73.16	ng		
54) Dibenzofuran	10.10	168	1039797	30.54	ng		99
55) 4-Nitrophenol	10.01	139	314339	62.13	ng		95
56) 2,4-Dinitrotoluene	10.09	165	302962	38.59	ng		88
57) Fluorene	10.45	166	826591	31.63	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	235558	33.60	ng		98
59) Diethylphthalate	10.33	149	960261	35.93	ng	#	94
60) 4-Chlorophenyl-phenylether	10.45	204	415528	31.70	ng		97
61) 4-Nitroaniline	10.47	138	243372	37.00	ng		94
62) Azobenzene	10.61	77	1020265	37.41	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	156740	35.99	ng	#	75
65) n-Nitrosodiphenylamine	10.56	169	766059	31.96	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	275727	32.45	ng		95
67) Hexachlorobenzene	11.00	284	279832	30.48	ng	#	84
68) Atrazine	11.09	200	220979	28.47	ng		98
69) Pentachlorophenol	11.19	266	371487	68.73	ng		96
70) Phenanthrene	11.41	178	1225024	29.82	ng		100
71) Anthracene	11.46	178	1438237	35.28	ng		98
72) Carbazole	11.61	167	1247651	33.73	ng		99
73) Di-n-butylphthalate	11.96	149	1429754	34.10	ng	#	98
74) Fluoranthene	12.60	202	1526497	39.23	ng		97
76) Benzidine	12.71	184	569241	31.56	ng		98
77) Pyrene	12.83	202	1543329	33.10	ng		99
79) Butylbenzylphthalate	13.44	149	594190	34.03	ng		92
80) Benzo(a)anthracene	14.00	228	1160373	32.30	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	277791	21.95	ng	#	96
82) Chrysene	14.05	228	1199697	33.75	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	787442	35.58	ng	#	91
84) Di-n-octyl phthalate	14.62	149	1313994	39.24	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	978428	30.05	ng		95
87) Benzo(b)fluoranthene	15.04	252	1138430m	35.82	ng		
88) Benzo(k)fluoranthene	15.07	252	809711m	30.29	ng		
89) Benzo(a)pyrene	15.39	252	911948	31.95	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	806016	30.53	ng	#	94
91) Benzo(g,h,i)perylene	17.27	276	818406	30.06	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091396.D
Acq On : 2 Dec 2016 18:29
Operator : UM/SJ
Sample : H5819-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 02 23:05:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Manual Integrations APPROVED
sohil
12/5/2016 11:20:55 AM