Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091714.D
Acq On : 17 Dec 2016 14:48
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
umangi
12/20/2016 11:40:00 AM

Quant Time: Dec 17 22:33:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:15:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	302592	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1229316	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	662434	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	1058540	20.00	ng	0.00
75) Chrysene-d12	13.93	240	760035	20.00	ng	0.00
86) Perylene-d12	15.33	264	846207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1515971	83.79	ng	0.00
7) Phenol-d6	6.42	99	1785452	78.89	ng	0.00
23) Nitrobenzene-d5	7.34	82	1882022	84.43	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	439871	79.58	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	2661320	70.78	ng	0.00
78) Terphenyl-d14	12.88	244	2666394	80.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	373693	39.29	ng	100
3) Pyridine	3.00	79	1269055	48.70	ng	100
4) n-Nitrosodimethylamine	2.97	42	473392	42.99	ng	100
6) Aniline	6.43	93	1181992	40.00	ng	100
8) 2-Chlorophenol	6.56	128	822589	40.55	ng	100
9) Benzaldehyde	6.32	77	559255	36.17	ng	100
10) Phenol	6.43	94	1035926	38.43	ng	100
11) bis(2-Chloroethyl)ether	6.51	93	788758	40.20	ng	100
12) 1,3-Dichlorobenzene	6.72	146	906349	40.60	ng	100
13) 1,4-Dichlorobenzene	6.78	146	891322	40.53	ng	100
14) 1,2-Dichlorobenzene	6.94	146	842610	42.71	ng	100
15) Benzyl Alcohol	6.92	79	725948	40.64	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1252422	41.02	ng	100
17) 2-Methylphenol	7.04	107	682834	40.57	ng	100
18) Hexachloroethane	7.29	117	354985	41.57	ng	100
19) n-Nitroso-di-n-propylamine	7.20	70	580069	41.25	ng	100
20) 3+4-Methylphenols	7.20	107	769637	36.84	ng	100
22) Acetophenone	7.18	105	1204281	40.52	ng	100
24) Nitrobenzene	7.36	77	900506	39.28	ng	100
25) Isophorone	7.61	82	1730427	43.45	ng	100
26) 2-Nitrophenol	7.68	139	471911	45.39	ng	100
27) 2,4-Dimethylphenol	7.72	122	751078	40.99	ng	100
28) bis(2-Chloroethoxy)methane	7.81	93	935844	40.84	ng	100
29) 2,4-Dichlorophenol	7.93	162	701307	44.34	ng	100
30) 1,2,4-Trichlorobenzene	8.01	180	746394	41.33	ng	100
31) Naphthalene	8.08	128	2377258	41.08	ng	100
32) Benzoic acid	7.87	122	605210	48.41	ng	100
33) 4-Chloroaniline	8.13	127	1041081	41.67	ng	100
34) Hexachlorobutadiene	8.20	225	412860	40.43	ng	100
35) Caprolactam	8.52	113	238715	49.51	ng	100
36) 4-Chloro-3-methylphenol	8.62	107	773485	43.55	ng	100
37) 2-Methylnaphthalene	8.77	142	1558840	41.57	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	683640	37.38	ng	100
40) Hexachlorocyclopentadiene	8.93	237	323226	40.00	ng	100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091714.D
Acq On : 17 Dec 2016 14:48
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
umangi
12/20/2016 11:40:00 AM

Quant Time: Dec 17 22:33:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:15:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	499139	42.71	ng	100
43) 2,4,5-Trichlorophenol	9.09	196	478474	39.49	ng	100
45) 1,1'-Biphenyl	9.24	154	2036056	41.52	ng	100
46) 2-Chloronaphthalene	9.26	162	1520709	40.36	ng	100
47) 2-Nitroaniline	9.36	65	476009	38.53	ng	100
48) Acenaphthylene	9.68	152	2242574	39.36	ng	100
49) Dimethylphthalate	9.55	163	1873576	44.08	ng	100
50) 2,6-Dinitrotoluene	9.61	165	432554	46.16	ng	100
51) Acenaphthene	9.85	154	1550265	39.21	ng	100
52) 3-Nitroaniline	9.77	138	486195	44.58	ng	100
53) 2,4-Dinitrophenol	9.88	184	223717	60.48	ng	100
54) Dibenzofuran	10.02	168	1952297	39.84	ng	100
55) 4-Nitrophenol	9.94	139	335954	42.49	ng	100
56) 2,4-Dinitrotoluene	10.01	165	531773	45.75	ng	100
57) Fluorene	10.36	166	1568924	40.88	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	388105	41.43	ng	100
59) Diethylphthalate	10.24	149	1729622	42.59	ng	100
60) 4-Chlorophenyl-phenylether	10.35	204	639303	36.95	ng	100
61) 4-Nitroaniline	10.38	138	447223	40.93	ng	100
62) Azobenzene	10.51	77	1797378	39.60	ng	100
64) 4,6-Dinitro-2-methylphenol	10.42	198	338534	59.82	ng	100
65) n-Nitrosodiphenylamine	10.48	169	1374335	42.51	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	448670	41.06	ng	100
67) Hexachlorobenzene	10.91	284	511775	44.09	ng	100
68) Atrazine	11.00	200	417197	40.96	ng	100
69) Pentachlorophenol	11.10	266	308916	47.21	ng	100
70) Phenanthrene	11.32	178	2412886	44.55	ng	100
71) Anthracene	11.37	178	2082759	37.15	ng	100
72) Carbazole	11.53	167	2119647	41.78	ng	100
73) Di-n-butylphthalate	11.86	149	2522947	43.33	ng	100
74) Fluoranthene	12.50	202	2214744	40.38	ng	100
76) Benzidine	12.62	184	976347	41.50	ng	100
77) Pyrene	12.73	202	2277137	38.28	ng	100
79) Butylbenzylphthalate	13.36	149	1096782	45.72	ng	100
80) Benzo(a)anthracene	13.92	228	1856418	41.68	ng	100
81) 3,3'-Dichlorobenzidine	13.88	252	771633	47.15	ng	100
82) Chrysene	13.96	228	2014156	43.17	ng	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	1339312	43.93	ng	100
84) Di-n-octyl phthalate	14.53	149	2702086	51.08	ng	100
85) Indeno(1,2,3-cd)pyrene	16.69	276	2000648	46.87	ng	100
87) Benzo(b)fluoranthene	14.93	252	2434974m	46.97	ng	
88) Benzo(k)fluoranthene	14.97	252	1359301m	31.17	ng	
89) Benzo(a)pyrene	15.28	252	1855032	40.59	ng	100
90) Dibenzo(a,h)anthracene	16.71	278	1664587	40.56	ng	100
91) Benzo(g,h,i)perylene	17.11	276	1724058	41.09	ng	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091714.D
Acq On : 17 Dec 2016 14:48
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 17 22:33:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:15:59 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
umangi
12/20/2016 11:40:00 AM