Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090154.D
Acq On : 21 Sep 2016 11:42
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 22 08:59:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	166476	20.00	ng		-0.02
21) Naphthalene-d8	7.79	136	632754	20.00	ng		-0.02
38) Acenaphthene-d10	9.54	164	322529	20.00	ng		-0.01
63) Phenanthrene-d10	11.00	188	491019	20.00	ng		-0.02
75) Chrysene-d12	13.62	240	405688	20.00	ng		-0.01
86) Perylene-d12	14.94	264	338402	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	821803	80.46	ng		-0.01
7) Phenol-d6	6.16	99	993053	78.73	ng		-0.01
23) Nitrobenzene-d5	7.08	82	907426	83.13	ng		-0.01
41) 2,4,6-Tribromophenol	10.32	330	211992	76.61	ng		-0.02
44) 2-Fluorobiphenyl	8.88	172	1266326	77.08	ng		-0.01
78) Terphenyl-d14	12.59	244	1214741	76.02	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	196586	35.48	ng		99
3) Pyridine	2.49	79	464647	38.66	ng		99
4) n-Nitrosodimethylamine	2.44	42	155504	43.36	ng		92
6) Aniline	6.17	93	629962	40.07	ng		93
8) 2-Chlorophenol	6.28	128	450182	38.31	ng		97
9) Benzaldehyde	6.04	77	225605	41.04	ng		97
10) Phenol	6.17	94	522135	35.02	ng		91
11) bis(2-Chloroethyl)ether	6.25	93	424433	36.50	ng		100
12) 1,3-Dichlorobenzene	6.44	146	476615	38.82	ng		99
13) 1,4-Dichlorobenzene	6.52	146	482133	38.46	ng		99
14) 1,2-Dichlorobenzene	6.67	146	389044	34.84	ng	#	89
15) Benzyl Alcohol	6.66	79	270940	36.02	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.81	45	550529	39.62	ng		95
17) 2-Methylphenol	6.79	107	352782	38.11	ng		99
18) Hexachloroethane	7.02	117	163243	36.51	ng		99
19) n-Nitroso-di-n-propylamine	6.95	70	302242	40.79	ng		97
20) 3+4-Methylphenols	6.95	107	432334	38.90	ng		97
22) Acetophenone	6.94	105	622025	40.77	ng		98
24) Nitrobenzene	7.10	77	416085	36.58	ng		99
25) Isophorone	7.35	82	890607	39.05	ng		100
26) 2-Nitrophenol	7.42	139	227044	40.54	ng		98
27) 2,4-Dimethylphenol	7.47	122	380140	38.20	ng		99
28) bis(2-Chloroethoxy)methane	7.56	93	521318	37.79	ng		99
29) 2,4-Dichlorophenol	7.67	162	364279	41.74	ng		97
30) 1,2,4-Trichlorobenzene	7.75	180	348674	40.00	ng	#	94
31) Naphthalene	7.82	128	1157319	38.41	ng		100
32) Benzoic acid	7.62	122	282296	41.33	ng		95
33) 4-Chloroaniline	7.87	127	444113	35.54	ng		99
34) Hexachlorobutadiene	7.94	225	160347	34.87	ng		98
35) Caprolactam	8.26	113	104563	36.20	ng		93
36) 4-Chloro-3-methylphenol	8.38	107	380208	38.55	ng		89
37) 2-Methylnaphthalene	8.51	142	673437	35.94	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	260736	35.22	ng		99
40) Hexachlorocyclopentadiene	8.66	237	128675	35.22	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090154.D
Acq On : 21 Sep 2016 11:42
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 22 08:59:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	198350	37.60	ng		98
43) 2,4,5-Trichlorophenol	8.83	196	220082	40.29	ng		97
45) 1,1'-Biphenyl	8.97	154	808827	35.05	ng		99
46) 2-Chloronaphthalene	8.99	162	650974	38.24	ng		98
47) 2-Nitroaniline	9.10	65	205551	40.05	ng		94
48) Acenaphthylene	9.40	152	1119601	40.50	ng		99
49) Dimethylphthalate	9.29	163	806658	39.27	ng		100
50) 2,6-Dinitrotoluene	9.35	165	172363	37.65	ng	#	52
51) Acenaphthene	9.58	154	638067	38.88	ng		98
52) 3-Nitroaniline	9.51	138	216000	40.24	ng		98
53) 2,4-Dinitrophenol	9.61	184	81962	33.89	ng		95
54) Dibenzofuran	9.75	168	870757	40.32	ng		99
55) 4-Nitrophenol	9.68	139	135950	36.97	ng		89
56) 2,4-Dinitrotoluene	9.74	165	190212	35.13	ng		99
57) Fluorene	10.08	166	624351	38.36	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.86	232	148469	36.30	ng		98
59) Diethylphthalate	9.99	149	739062	37.25	ng		95
60) 4-Chlorophenyl-phenylether	10.09	204	272996	36.79	ng	#	75
61) 4-Nitroaniline	10.11	138	198240	36.23	ng		90
62) Azobenzene	10.24	77	709945	34.38	ng		99
64) 4,6-Dinitro-2-methylphenol	10.15	198	126746	41.21	ng		95
65) n-Nitrosodiphenylamine	10.20	169	604962	37.47	ng		100
66) 4-Bromophenyl-phenylether	10.57	248	196810	40.73	ng		98
67) Hexachlorobenzene	10.63	284	229150	40.69	ng		96
68) Atrazine	10.74	200	188686	42.65	ng		99
69) Pentachlorophenol	10.82	266	131637	41.18	ng		99
70) Phenanthrene	11.03	178	875008	38.10	ng		100
71) Anthracene	11.08	178	1019250	42.32	ng		99
72) Carbazole	11.24	167	1043192	40.97	ng		99
73) Di-n-butylphthalate	11.60	149	1271011	42.93	ng	#	97
74) Fluoranthene	12.20	202	1036221	42.04	ng		98
76) Benzidine	12.34	184	462980	34.10	ng		98
77) Pyrene	12.42	202	1051522	37.88	ng		99
79) Butylbenzylphthalate	13.07	149	562256	41.41	ng		94
80) Benzo(a)anthracene	13.61	228	803053	36.79	ng		100
81) 3,3'-Dichlorobenzidine	13.59	252	344029	38.22	ng	#	97
82) Chrysene	13.65	228	736259	34.63	ng		100
83) Bis(2-ethylhexyl)phthalate	13.63	149	647054	37.24	ng		99
84) Di-n-octyl phthalate	14.24	149	1130273	37.76	ng		99
85) Indeno(1,2,3-cd)pyrene	16.10	276	736539	42.85	ng		99
87) Benzo(b)fluoranthene	14.59	252	667020m	35.60	ng		
88) Benzo(k)fluoranthene	14.62	252	683627m	38.87	ng		
89) Benzo(a)pyrene	14.89	252	661601	37.53	ng	#	98
90) Dibenzo(a,h)anthracene	16.11	278	604911	43.98	ng		97
91) Benzo(g,h,i)perylene	16.45	276	576224	42.80	ng		94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090154.D
Acq On : 21 Sep 2016 11:42
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 22 08:59:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration