Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091104.D
Acq On : 9 Nov 2016 2:21
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
11/9/2016 4:24:13 PM

Quant Time: Nov 09 12:00:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	166412	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	714087	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	358602	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	492980	20.00	ng		0.00
75) Chrysene-d12	13.81	240	348743	20.00	ng		0.00
86) Perylene-d12	15.19	264	360380	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	851719	84.53	ng		0.00
7) Phenol-d6	6.32	99	1097618	80.26	ng		0.00
23) Nitrobenzene-d5	7.24	82	1126483	86.05	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	224870	69.36	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	1797890	86.32	ng		-0.01
78) Terphenyl-d14	12.76	244	1265945	90.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	235272	40.82	ng		96
3) Pyridine	2.77	79	579249	42.96	ng		98
4) n-Nitrosodimethylamine	2.73	42	227430	42.64	ng		95
6) Aniline	6.33	93	682780	42.32	ng		87
8) 2-Chlorophenol	6.45	128	513327	42.71	ng		84
9) Benzaldehyde	6.20	77	323640	42.64	ng		98
10) Phenol	6.33	94	569912	37.65	ng		89
11) bis(2-Chloroethyl)ether	6.41	93	556130	43.60	ng		94
12) 1,3-Dichlorobenzene	6.60	146	539854	44.41	ng		98
13) 1,4-Dichlorobenzene	6.68	146	553768	42.46	ng		98
14) 1,2-Dichlorobenzene	6.83	146	499824	41.76	ng		97
15) Benzyl Alcohol	6.82	79	397839	41.24	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	726623	39.79	ng		97
17) 2-Methylphenol	6.94	107	418277	43.96	ng		95
18) Hexachloroethane	7.17	117	206466	40.90	ng		94
19) n-Nitroso-di-n-propylamine	7.09	70	399885	42.19	ng		96
20) 3+4-Methylphenols	7.10	107	531784	46.55	ng		97
22) Acetophenone	7.08	105	677131	41.18	ng	#	96
24) Nitrobenzene	7.25	77	568262	39.31	ng		92
25) Isophorone	7.49	82	986601	39.11	ng		97
26) 2-Nitrophenol	7.57	139	274452	44.86	ng	#	81
27) 2,4-Dimethylphenol	7.62	122	410425	40.56	ng		93
28) bis(2-Chloroethoxy)methane	7.71	93	563172	40.87	ng		99
29) 2,4-Dichlorophenol	7.82	162	371492	42.07	ng		94
30) 1,2,4-Trichlorobenzene	7.89	180	407311	41.02	ng		97
31) Naphthalene	7.97	128	1447636	42.39	ng		99
32) Benzoic acid	7.77	122	285595m	37.43	ng		
33) 4-Chloroaniline	8.03	127	583006	41.05	ng	#	92
34) Hexachlorobutadiene	8.10	225	232290	43.35	ng		97
35) Caprolactam	8.42	113	126648	45.65	ng	#	69
36) 4-Chloro-3-methylphenol	8.52	107	411043	38.45	ng	#	84
37) 2-Methylnaphthalene	8.66	142	866367	39.46	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	383557	41.95	ng		99
40) Hexachlorocyclopentadiene	8.82	237	38108	16.69	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091104.D
Acq On : 9 Nov 2016 2:21
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
11/9/2016 4:24:13 PM

Quant Time: Nov 09 12:00:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	250824	42.50	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	258277	41.68	ng	#	85
45) 1,1'-Biphenyl	9.13	154	1104916	42.20	ng		100
46) 2-Chloronaphthalene	9.15	162	846401	42.58	ng		100
47) 2-Nitroaniline	9.25	65	309567	41.96	ng		89
48) Acenaphthylene	9.56	152	1280079	41.32	ng		100
49) Dimethylphthalate	9.44	163	927438	39.44	ng		99
50) 2,6-Dinitrotoluene	9.50	165	207437	41.16	ng	#	53
51) Acenaphthene	9.73	154	761307	39.14	ng		100
52) 3-Nitroaniline	9.66	138	224371	37.55	ng		90
53) 2,4-Dinitrophenol	9.78	184	30664	16.56	ng	#	41
54) Dibenzofuran	9.90	168	1039829	39.71	ng		98
55) 4-Nitrophenol	9.85	139	111358	31.71	ng		92
56) 2,4-Dinitrotoluene	9.90	165	276943	43.19	ng	#	86
57) Fluorene	10.25	166	891652	41.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	197097	40.60	ng		99
59) Diethylphthalate	10.13	149	1023270	42.44	ng		100
60) 4-Chlorophenyl-phenylether	10.25	204	410346	42.13	ng		97
61) 4-Nitroaniline	10.28	138	243890	40.34	ng		100
62) Azobenzene	10.40	77	1061548	37.40	ng		82
64) 4,6-Dinitro-2-methylphenol	10.32	198	58676	19.44	ng		86
65) n-Nitrosodiphenylamine	10.36	169	691948	44.16	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	237045	46.23	ng	#	89
67) Hexachlorobenzene	10.80	284	271362	47.98	ng	#	89
68) Atrazine	10.90	200	216624	47.92	ng		99
69) Pentachlorophenol	10.99	266	90600	36.17	ng		99
70) Phenanthrene	11.21	178	1125015	42.93	ng		98
71) Anthracene	11.25	178	1127059	40.45	ng		100
72) Carbazole	11.41	167	982290	39.12	ng		99
73) Di-n-butylphthalate	11.76	149	1443784	45.72	ng		99
74) Fluoranthene	12.39	202	992139	36.50	ng		95
76) Benzidine	12.51	184	298637	38.33	ng		99
77) Pyrene	12.61	202	1025604	44.91	ng		99
79) Butylbenzylphthalate	13.24	149	536488	49.11	ng		88
80) Benzo(a)anthracene	13.80	228	835739	42.21	ng		98
81) 3,3'-Dichlorobenzidine	13.77	252	330980	47.58	ng	#	98
82) Chrysene	13.84	228	855537	43.82	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	706860	47.81	ng	#	98
84) Di-n-octyl phthalate	14.41	149	1066436	43.87	ng		100
85) Indeno(1,2,3-cd)pyrene	16.48	276	763938	47.16	ng		99
87) Benzo(b)fluoranthene	14.81	252	919749m	37.63	ng		
88) Benzo(k)fluoranthene	14.83	252	746527m	34.82	ng		
89) Benzo(a)pyrene	15.13	252	851818	40.03	ng	#	96
90) Dibenzo(a,h)anthracene	16.49	278	676168	36.76	ng		96
91) Benzo(g,h,i)perylene	16.85	276	573277	34.46	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091104.D
Acq On : 9 Nov 2016 2:21
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 09 12:00:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
11/9/2016 4:24:13 PM