Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087996.D
Acq On : 14 Jun 2016 8:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
umangi
6/14/2016 7:48:56 PM

Quant Time: Jun 14 13:43:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	118216	20.00	ng		0.01
21) Naphthalene-d8	8.09	136	459836	20.00	ng		0.01
38) Acenaphthene-d10	9.84	164	192050	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	312051	20.00	ng		0.01
75) Chrysene-d12	13.95	240	212103	20.00	ng		0.00
86) Perylene-d12	15.37	264	197443	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	471012	68.11	ng		0.00
7) Phenol-d6	6.44	99	644530	76.91	ng		0.01
23) Nitrobenzene-d5	7.37	82	584218	74.19	ng		0.01
41) 2,4,6-Tribromophenol	10.63	330	120857	59.60	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	981897	79.99	ng		0.00
78) Terphenyl-d14	12.90	244	714650	76.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	126689	37.70	ng	#	39
3) Pyridine	3.03	79	346909	43.73	ng		97
4) n-Nitrosodimethylamine	2.98	42	126514	37.65	ng		85
6) Aniline	6.46	93	405700	34.01	ng	#	37
8) 2-Chlorophenol	6.58	128	304297	37.18	ng		93
9) Benzaldehyde	6.34	77	182208	32.11	ng		94
10) Phenol	6.46	94	391163	45.22	ng	#	63
11) bis(2-Chloroethyl)ether	6.54	93	263867	35.91	ng		93
12) 1,3-Dichlorobenzene	6.74	146	334603m	38.10	ng		
13) 1,4-Dichlorobenzene	6.81	146	314118	35.51	ng		96
14) 1,2-Dichlorobenzene	6.97	146	315961m	39.27	ng		
15) Benzyl Alcohol	6.95	79	236543	36.08	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	363113	36.57	ng		93
17) 2-Methylphenol	7.06	107	230643	34.75	ng		99
18) Hexachloroethane	7.31	117	105553	33.63	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	168431	31.42	ng		91
20) 3+4-Methylphenols	7.22	107	271601	35.07	ng		96
22) Acetophenone	7.21	105	393296	38.27	ng	#	91
24) Nitrobenzene	7.39	77	302791	39.70	ng		91
25) Isophorone	7.63	82	553822	37.97	ng		97
26) 2-Nitrophenol	7.70	139	133384	32.64	ng		95
27) 2,4-Dimethylphenol	7.75	122	243207	32.33	ng		94
28) bis(2-Chloroethoxy)methane	7.84	93	340877	37.68	ng	#	96
29) 2,4-Dichlorophenol	7.95	162	258702	41.18	ng		94
30) 1,2,4-Trichlorobenzene	8.03	180	257426	37.64	ng		99
31) Naphthalene	8.11	128	876028	38.50	ng		99
32) Benzoic acid	7.87	122	129801	31.33	ng		96
33) 4-Chloroaniline	8.16	127	333781	32.85	ng		99
34) Hexachlorobutadiene	8.23	225	127880	35.45	ng		99
35) Caprolactam	8.55	113	80703	38.79	ng		88
36) 4-Chloro-3-methylphenol	8.65	107	237979	35.43	ng		100
37) 2-Methylnaphthalene	8.80	142	501747	33.45	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	238038	49.16	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	36281	11.71	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087996.D
Acq On : 14 Jun 2016 8:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
6/14/2016 7:48:56 PM

Quant Time: Jun 14 13:43:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	159563	41.55	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	159305	39.87	ng		97
45) 1,1'-Biphenyl	9.27	154	619853	42.68	ng		98
46) 2-Chloronaphthalene	9.29	162	473882	38.13	ng		99
47) 2-Nitroaniline	9.39	65	154323	42.09	ng	#	57
48) Acenaphthylene	9.70	152	706205	35.73	ng		100
49) Dimethylphthalate	9.58	163	618059	44.43	ng		99
50) 2,6-Dinitrotoluene	9.63	165	124766	39.16	ng	#	77
51) Acenaphthene	9.87	154	432117	35.04	ng		99
52) 3-Nitroaniline	9.80	138	165417	45.00	ng	#	76
53) 2,4-Dinitrophenol	9.91	184	17269	14.70	ng	#	77
54) Dibenzofuran	10.04	168	623571	36.72	ng	#	90
55) 4-Nitrophenol	9.96	139	93912	32.91	ng		90
56) 2,4-Dinitrotoluene	10.03	165	145098	35.44	ng	#	70
57) Fluorene	10.39	166	430545	36.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	122354	38.97	ng	#	56
59) Diethylphthalate	10.27	149	578992	41.12	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	224586	39.77	ng	#	87
61) 4-Nitroaniline	10.41	138	132657	38.04	ng		99
62) Azobenzene	10.55	77	543761	39.05	ng		86
64) 4,6-Dinitro-2-methylphenol	10.44	198	31905	17.80	ng	#	61
65) n-Nitrosodiphenylamine	10.50	169	423538	40.90	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	135360	40.43	ng	#	79
67) Hexachlorobenzene	10.94	284	130458	37.51	ng		97
68) Atrazine	11.04	200	124982	39.86	ng		98
69) Pentachlorophenol	11.13	266	68951	37.61	ng		97
70) Phenanthrene	11.35	178	638525	38.99	ng		100
71) Anthracene	11.40	178	676970	40.99	ng		98
72) Carbazole	11.55	167	575379	37.23	ng		99
73) Di-n-butylphthalate	11.90	149	821572	41.99	ng	#	97
74) Fluoranthene	12.54	202	613101	35.48	ng		94
76) Benzidine	12.66	184	323244	55.04	ng		98
77) Pyrene	12.75	202	595781	37.85	ng		99
79) Butylbenzylphthalate	13.38	149	280489	40.31	ng	#	85
80) Benzo(a)anthracene	13.94	228	456834	37.80	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	150684	46.36	ng	#	95
82) Chrysene	13.99	228	483449	42.52	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	349992	41.32	ng		99
84) Di-n-octyl phthalate	14.56	149	675241	49.06	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	424089	40.14	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	503033m	36.55	ng		
88) Benzo(k)fluoranthene	14.99	252	375756m	36.20	ng		
89) Benzo(a)pyrene	15.31	252	432198	38.82	ng	#	94
90) Dibenzo(a,h)anthracene	16.75	278	361300	34.94	ng		96
91) Benzo(g,h,i)perylene	17.14	276	352678	33.15	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087996.D
Acq On : 14 Jun 2016 8:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 13:43:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
6/14/2016 7:48:56 PM