Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087305.D
Acq On : 23 May 2016 17:42
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
umangi
5/24/2016 7:39:11 PM

Quant Time: May 24 01:16:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 00:59:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	190053	20.00	ng		0.00
21) Naphthalene-d8	9.64	136	776202	20.00	ng		0.00
38) Acenaphthene-d10	12.48	164	352903	20.00	ng		0.00
63) Phenanthrene-d10	14.88	188	648447	20.00	ng		0.00
75) Chrysene-d12	18.56	240	483787	20.00	ng		0.00
86) Perylene-d12	20.23	264	397106	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	914239	80.63	ng		0.00
7) Phenol-d6	7.16	99	1170431	77.71	ng		0.00
23) Nitrobenzene-d5	8.54	82	1271832	81.01	ng		0.00
41) 2,4,6-Tribromophenol	13.78	330	281438	74.05	ng		0.00
44) 2-Fluorobiphenyl	11.43	172	1963178	90.54	ng		0.00
78) Terphenyl-d14	17.22	244	1852056	84.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	223818	38.82	ng	#	75
3) Pyridine	2.55	79	535609	38.86	ng	#	62
4) n-Nitrosodimethylamine	2.54	42	396189	40.30	ng	#	48
6) Aniline	7.12	93	786695	40.77	ng		94
8) 2-Chlorophenol	7.30	128	543830	39.68	ng		97
9) Benzaldehyde	6.94	77	295910	34.57	ng		98
10) Phenol	7.19	94	587680	32.09	ng		92
11) bis(2-Chloroethyl)ether	7.26	93	510011	35.66	ng		85
12) 1,3-Dichlorobenzene	7.52	146	581900	39.97	ng		96
13) 1,4-Dichlorobenzene	7.64	146	597157	39.96	ng		95
14) 1,2-Dichlorobenzene	7.87	146	544665	40.92	ng		97
15) Benzyl Alcohol	7.91	79	455004	40.55	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1136113	38.54	ng		89
17) 2-Methylphenol	8.12	107	429829	38.39	ng	#	89
18) Hexachloroethane	8.40	117	224034	39.41	ng	#	87
19) n-Nitroso-di-n-propylamine	8.34	70	429503	37.90	ng	#	71
20) 3+4-Methylphenols	8.38	107	549675	37.52	ng	#	59
22) Acetophenone	8.31	105	747963	39.57	ng	#	98
24) Nitrobenzene	8.57	77	677164	40.15	ng		96
25) Isophorone	8.96	82	1112157	39.09	ng		98
26) 2-Nitrophenol	9.07	139	284891	40.26	ng	#	90
27) 2,4-Dimethylphenol	9.21	122	470671	39.14	ng		89
28) bis(2-Chloroethoxy)methane	9.34	93	615177	39.80	ng		98
29) 2,4-Dichlorophenol	9.47	162	433432	40.61	ng		96
30) 1,2,4-Trichlorobenzene	9.58	180	476730	40.12	ng		98
31) Naphthalene	9.68	128	1518998	39.82	ng		99
32) Benzoic acid	9.55	122	237563	34.26	ng	#	79
33) 4-Chloroaniline	9.82	127	589059	37.91	ng	#	90
34) Hexachlorobutadiene	9.90	225	290194	42.57	ng		98
35) Caprolactam	10.49	113	126136m	37.50	ng		
36) 4-Chloro-3-methylphenol	10.68	107	494212	38.68	ng		94
37) 2-Methylnaphthalene	10.81	142	962128	39.40	ng		96
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	452356	42.82	ng		99
40) Hexachlorocyclopentadiene	11.06	237	164938	50.36	ng		92

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087305.D
Acq On : 23 May 2016 17:42
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
umangi
5/24/2016 7:39:11 PM

Quant Time: May 24 01:16:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 00:59:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	273494	40.84	ng		97
43) 2,4,5-Trichlorophenol	11.38	196	271235	39.34	ng	#	90
45) 1,1'-Biphenyl	11.58	154	1150952	39.10	ng		96
46) 2-Chloronaphthalene	11.60	162	901361	39.76	ng		97
47) 2-Nitroaniline	11.80	65	340881	39.89	ng	#	76
48) Acenaphthylene	12.25	152	1424825	40.84	ng		99
49) Dimethylphthalate	12.14	163	1132199	41.67	ng		100
50) 2,6-Dinitrotoluene	12.23	165	229691	39.84	ng	#	87
51) Acenaphthene	12.54	154	849120	39.04	ng		98
52) 3-Nitroaniline	12.49	138	239232	38.32	ng	#	81
53) 2,4-Dinitrophenol	12.68	184	114174	40.23	ng	#	76
54) Dibenzofuran	12.82	168	1167398	41.26	ng		96
55) 4-Nitrophenol	12.87	139	114442	42.82	ng	#	63
56) 2,4-Dinitrotoluene	12.89	165	319935	42.60	ng	#	84
57) Fluorene	13.38	166	1026463	44.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	217703	40.37	ng		97
59) Diethylphthalate	13.28	149	1077697	42.04	ng		99
60) 4-Chlorophenyl-phenylether	13.41	204	500468	46.62	ng		88
61) 4-Nitroaniline	13.51	138	243131	39.96	ng	#	75
62) Azobenzene	13.66	77	1192820	40.40	ng		86
64) 4,6-Dinitro-2-methylphenol	13.55	198	183649	43.03	ng	#	73
65) n-Nitrosodiphenylamine	13.62	169	858264	42.04	ng		99
66) 4-Bromophenyl-phenylether	14.19	248	288487	42.26	ng	#	85
67) Hexachlorobenzene	14.26	284	301057	39.46	ng	#	82
68) Atrazine	14.54	200	272895	41.08	ng		94
69) Pentachlorophenol	14.62	266	90617	33.02	ng		98
70) Phenanthrene	14.93	178	1423922	40.64	ng		100
71) Anthracene	15.01	178	1438976	39.73	ng		100
72) Carbazole	15.29	167	1250653	38.89	ng		99
73) Di-n-butylphthalate	15.86	149	1684532	44.72	ng		99
74) Fluoranthene	16.67	202	1473053	41.39	ng		92
76) Benzidine	16.89	184	548877	43.08	ng		99
77) Pyrene	16.97	202	1401580	40.20	ng		99
79) Butylbenzylphthalate	17.87	149	664426	44.87	ng	#	67
80) Benzo(a)anthracene	18.55	228	1113389	39.53	ng		99
81) 3,3'-Dichlorobenzidine	18.54	252	594178	34.02	ng		99
82) Chrysene	18.59	228	1068447	39.46	ng		99
83) Bis(2-ethylhexyl)phthalate	18.62	149	925880	49.65	ng	#	96
84) Di-n-octyl phthalate	19.39	149	1487189	46.51	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.49	276	893596	37.89	ng		95
87) Benzo(b)fluoranthene	19.82	252	1090433	40.20	ng		97
88) Benzo(k)fluoranthene	19.85	252	741056m	39.05	ng		
89) Benzo(a)pyrene	20.17	252	852815	38.91	ng		99
90) Dibenzo(a,h)anthracene	21.50	278	756166	40.68	ng	#	95
91) Benzo(g,h,i)perylene	21.85	276	746606	40.04	ng		94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087305.D
Acq On : 23 May 2016 17:42
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 24 01:16:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 00:59:18 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
umangi
5/24/2016 7:39:11 PM