Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084786.D
Acq On : 3 Feb 2016 13:28
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
2/4/2016 2:04:26 PM

Quant Time: Feb 04 00:37:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	171097	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	690864	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	327840	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	617356	20.00	ng		0.00
75) Chrysene-d12	13.84	240	432993	20.00	ng		0.00
86) Perylene-d12	15.21	264	316293	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	927382	84.43	ng		0.00
7) Phenol-d6	6.34	99	1054186	77.41	ng		0.00
23) Nitrobenzene-d5	7.26	82	1014390	82.71	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	295959	86.55	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1683025	87.21	ng		0.00
78) Terphenyl-d14	12.80	244	1663736	87.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	184428	38.33	ng	#	76
3) Pyridine	2.84	79	543646	43.37	ng	#	73
4) n-Nitrosodimethylamine	2.80	42	249790	38.52	ng		81
6) Aniline	6.35	93	670124	40.22	ng	#	78
8) 2-Chlorophenol	6.48	128	529107	42.55	ng		99
9) Benzaldehyde	6.24	77	322303	40.08	ng		89
10) Phenol	6.35	94	550145	36.06	ng	#	45
11) bis(2-Chloroethyl)ether	6.43	93	451951m	37.99	ng		
12) 1,3-Dichlorobenzene	6.62	146	521110m	39.67	ng		
13) 1,4-Dichlorobenzene	6.70	146	534550	40.70	ng		96
14) 1,2-Dichlorobenzene	6.86	146	469859	38.41	ng		93
15) Benzyl Alcohol	6.84	79	365964	38.92	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.98	45	758872	37.92	ng		88
17) 2-Methylphenol	6.97	107	403823	41.07	ng	#	90
18) Hexachloroethane	7.20	117	198003	39.15	ng		92
19) n-Nitroso-di-n-propylamine	7.12	70	321064	37.61	ng	#	74
20) 3+4-Methylphenols	7.13	107	502118	41.14	ng		89
22) Acetophenone	7.10	105	734789	40.35	ng	#	98
24) Nitrobenzene	7.28	77	485287	36.95	ng		93
25) Isophorone	7.53	82	957157	40.14	ng		97
26) 2-Nitrophenol	7.60	139	276341	42.66	ng	#	87
27) 2,4-Dimethylphenol	7.65	122	441075	39.15	ng		88
28) bis(2-Chloroethoxy)methane	7.74	93	571118	40.37	ng	#	98
29) 2,4-Dichlorophenol	7.85	162	411097	42.65	ng		94
30) 1,2,4-Trichlorobenzene	7.92	180	429339	39.43	ng		96
31) Naphthalene	8.00	128	1299293	37.49	ng		99
32) Benzoic acid	7.79	122	316220	43.88	ng		94
33) 4-Chloroaniline	8.05	127	545045	38.03	ng		99
34) Hexachlorobutadiene	8.12	225	265445	42.28	ng		99
35) Caprolactam	8.44	113	115090	38.74	ng	#	45
36) 4-Chloro-3-methylphenol	8.54	107	438470	39.87	ng		91
37) 2-Methylnaphthalene	8.69	142	926760	42.73	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	385984	37.07	ng		99
40) Hexachlorocyclopentadiene	8.84	237	165546	44.32	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084786.D
Acq On : 3 Feb 2016 13:28
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
2/4/2016 2:04:26 PM

Quant Time: Feb 04 00:37:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	274331	40.90	ng		94
43) 2,4,5-Trichlorophenol	9.01	196	268133	39.34	ng	#	83
45) 1,1'-Biphenyl	9.16	154	1192541	40.73	ng		95
46) 2-Chloronaphthalene	9.17	162	821083	38.08	ng		97
47) 2-Nitroaniline	9.28	65	247972	36.32	ng		97
48) Acenaphthylene	9.60	152	1264854	38.65	ng		99
49) Dimethylphthalate	9.47	163	1052196	42.14	ng	#	91
50) 2,6-Dinitrotoluene	9.53	165	230739	42.30	ng	#	78
51) Acenaphthene	9.77	154	805863	37.85	ng		98
52) 3-Nitroaniline	9.70	138	240783	39.28	ng	#	62
53) 2,4-Dinitrophenol	9.80	184	98512	42.09	ng		90
54) Dibenzofuran	9.94	168	1039682	39.96	ng		96
55) 4-Nitrophenol	9.87	139	185955	41.28	ng		88
56) 2,4-Dinitrotoluene	9.93	165	284517	40.89	ng	#	88
57) Fluorene	10.27	166	812276	37.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	203482	39.22	ng		92
59) Diethylphthalate	10.17	149	970064	39.79	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	393417	42.73	ng		94
61) 4-Nitroaniline	10.30	138	217784	36.46	ng		92
62) Azobenzene	10.43	77	951814	40.60	ng		93
64) 4,6-Dinitro-2-methylphenol	10.34	198	156208	41.00	ng		75
65) n-Nitrosodiphenylamine	10.40	169	809784	41.31	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	278357	40.82	ng		99
67) Hexachlorobenzene	10.82	284	274006	36.88	ng	#	88
68) Atrazine	10.92	200	216167	34.92	ng		99
69) Pentachlorophenol	11.01	266	140255	40.17	ng		98
70) Phenanthrene	11.23	178	1259512	36.78	ng		97
71) Anthracene	11.29	178	1384905	40.14	ng		100
72) Carbazole	11.45	167	1171657	38.94	ng		97
73) Di-n-butylphthalate	11.78	149	1367722	35.71	ng	#	97
74) Fluoranthene	12.42	202	1321703	38.14	ng		92
76) Benzidine	12.55	184	540536	35.22	ng		98
77) Pyrene	12.64	202	1277539	38.54	ng		99
79) Butylbenzylphthalate	13.28	149	615611	40.93	ng	#	82
80) Benzo(a)anthracene	13.83	228	1049314	39.05	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	357631	37.58	ng		99
82) Chrysene	13.86	228	963109	36.96	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	766598	40.96	ng	#	96
84) Di-n-octyl phthalate	14.44	149	1135995	36.79	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.50	276	805394	39.26	ng		99
87) Benzo(b)fluoranthene	14.83	252	772717m	36.36	ng		
88) Benzo(k)fluoranthene	14.85	252	795213m	45.26	ng		
89) Benzo(a)pyrene	15.15	252	736988	40.70	ng	#	96
90) Dibenzo(a,h)anthracene	16.51	278	664373	43.59	ng		99
91) Benzo(g,h,i)perylene	16.89	276	694020	45.20	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084786.D
Acq On : 3 Feb 2016 13:28
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 04 00:37:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/4/2016 2:04:26 PM